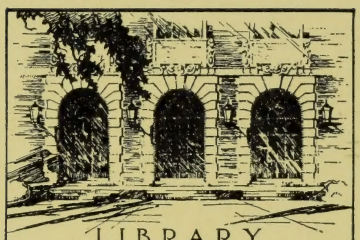

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OF THE

MEDICAL DEPARTMENT

ESTABLISHED IN CONNECTION WITH THE JOHNS HOPKINS HOSPITAL

BALTIMORE, MARYLAND
PUBLISHED BY THE UNIVERSITY
ISSUED MONTHLY FROM OCTOBER TO JULY
OCTOBER, 1915

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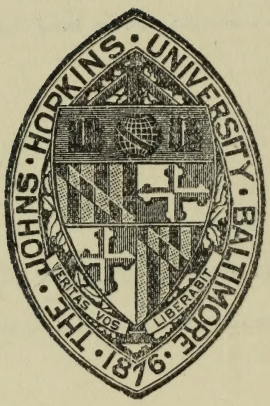
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CALENDAR, 1915-1916

1915.

October 5 (Tuesday)—Instruction begins. Twenty-third academic year.

November 25 (Thursday)—Thanksgiving Day. All classes suspended.

November 29 (Monday)—Instruction resumed.

December 24 (Friday)—The Christmas Recess begins. (9 a. m.)

1916.

January 3 (Monday)—Instruction resumed.

February 22 (Tuesday)—Commemoration Day. Public exercises at 11 a. m. All classes suspended.

April 20 (Thursday)—The Easter Recess begins.

April 27 (Thursday)—Instruction resumed.

May 1 (Monday)—Last day of application for Hopkins Scholarships for Maryland, North Carolina and Virginia.

June 13 (Tuesday)—Commencement Day. Public exercises at 4 p. m.

September 29 (Friday)—Candidates for admission will assemble in the auditorium of the Physiological building (East Monument and Washington streets), at 10 a. m.

October 3 (Tuesday)—Instruction resumed. Twenty-fourth academic year.

The Treasurer's office is at 712 N. Howard Street, and is open daily from 9 a. m. to 4.15 p. m.

The office of the Registrar of the Medical Department is in the Physiological building, near the corner of East Monument and Washington Streets, and is open daily from 9 a. m. to 5 p. m.

For catalogue and general information, address the REGISTRAR OF THE MEDICAL DEPARTMENT, THE JOHNS HOPKINS UNIVERSITY, BALTIMORE, MARYLAND.

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John C. Thomas, *Treasurer*

FACULTY AND TEACHING STAFF*

FRANK JOHNSON GOODNOW, LL. D.

President of the University

A. B., Amherst College, 1879, and A. M., 1887; LL. B., Columbia University, 1882; LL.D., Amherst College, 1897, Columbia University, 1904, Harvard University, 1909; Brown University, 1914; Professor of Administrative Law, Columbia University, 1887-1914; Constitutional Adviser to the Chinese Government, 1913-1914.

6 W. Madison St.

UNIVERSITY STAFF

PROFESSORS

WILLIAM HENRY WELCH, M. D., LL. D.

Baxley Professor of Pathology

A. B., Yale University, 1870; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1875; M. D. (Hon.), University of Pennsylvania, 1894; LL. D., Western Reserve University, 1894, Yale University, 1896, Harvard University, 1900, University of Toronto, 1903, Columbia University, 1904, Jefferson Medical College, 1907, and Princeton University, 1910; Professor of Pathological Anatomy and General Pathology in the Bellevue Hospital Medical College, N. Y., 1879-84; Dean of the Medical Faculty, 1889-98; President of the National Academy of Sciences; President of the Board of Directors of the Rockefeller Institute for Medical Research; President of the American Association for the Advancement of Science, 1906; President of the American Medical Association, 1910-1911; *Pathologist to the Johns Hopkins Hospital.*

807 St. Paul St.

HOWARD ATWOOD KELLY, M. D., LL. D., Hon. F. R. C. S.

*Professor of Gynecology.***

A. B., University of Pennsylvania, 1877, and M. D., 1882; LL. D., University of Aberdeen and Washington and Lee University, 1906, University of Pennsylvania, 1907; Associate Professor of Obstetrics, University of Pennsylvania, 1888-89; Professor of Gynecological Surgery in the Johns Hopkins University, 1889-99; Honorary Member, Royal Medical Society of Edinburgh; Associate Foreign Member, Society of Obstetrics, Gynecology and Pediatrics, and Chirurgical Society, Paris; Corresponding Member, Obstetrical Society, Leipzig; Fellow, British Gynecological Society; Hon. Fellow, Edinburgh Obstetrical Society, Royal College of Surgeons, Edinburgh, Glasgow Obstetrical and Gynecological Society, Royal Academy of Medicine (Ireland); Hon. Member, Italian Society of Obstetrics and Gynecology, Rome; *Gynecologist-in-Chief to the Johns Hopkins Hospital.*

1406 Eutaw Place

WILLIAM STEWART HALSTED, M. D., Sc. D., LL. D., Hon. F. R. C. S.

Professor of Surgery

A. B., Yale University, 1874; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1877; LL. D., Yale University, 1904, and University of Edinburgh, 1905; Sc. D., Columbia University, 1904; Foreign Corresponding Member, Harveian Society, London; Honorary Fellow, Royal College of Surgeons, England, 1900, Edinburgh, 1905; College of Surgeons of America, 1913; Membre Corresp. Etranger de la Societé de Chirurgie, Paris, 1909; Membre Titulaire de l'Association Francaise de Chirurgie, 1914; Ebrenmitglied der Deutsche Gesellschaft für Chirurgie, 1914; *Surgeon-in-Chief to the Johns Hopkins Hospital.*

1201 Eutaw Place

---

* The names in the several groups are arranged in the order of appointment, and are corrected up to September 1, 1915.

**This department is not yet organized upon the full University basis.

FRANKLIN PAINE MALL, M. D., Sc. D., LL. D.

Professor of Anatomy

M. D., University of Michigan, 1883; A. M. (Hon.), 1900, and Sc. D., 1908; LL. D., University of Wisconsin, 1904, and Washington University, 1915; Fellow, Johns Hopkins University, 1886-88, and Instructor in Pathology and Bacteriology, 1888-89; Adjunct Professor of Vertebrate Anatomy, Clark University, 1889-92; Professor of Anatomy, University of Chicago, 1892-93; Member of the National Academy of Sciences; *Co-editor of the American Journal of Anatomy and of the Journal of Morphology.*

1514 Bolton St.

JOHN J. ABEL, M. D., Sc. D.

Professor of Pharmacology

Ph. B., University of Michigan, 1883, A. M. (Hon.), 1903, and Sc. D., 1912; M. D., University of Strassburg, 1888; Lecturer and Professor of Materia Medica and Therapeutics, University of Michigan, 1890-93; Hon. Member, Philadelphia College of Pharmacy; Corresponding Member, K. K. Gesellschaft der Aertze, Vienna; Member of the National Academy of Sciences; *Editor of the Journal of Pharmacology and Experimental Therapeutics.*

Woodlawn, Windsor Mill Road

WILLIAM HENRY HOWELL, Ph. D., M. D., Sc. D., LL. D.

Professor of Physiology

A. B., Johns Hopkins University, 1881, Fellow, 1882-84, and Ph. D., 1884; LL. D., Trinity College (Conn.), 1901; Sc. D., Yale University, 1911; M. D. (Hon.), University of Michigan, 1890, LL. D., 1912; LL. D., Washington University, 1915; Assistant in Biology, 1884-85, Associate, 1885-88, and Associate Professor, 1888-89; Lecturer and Professor of Physiology and Histology, University of Michigan, 1889-92; Associate Professor of Physiology, Harvard University, 1892-93; Member of the National Academy of Sciences; Dean of the Medical Faculty, 1899-1911; *Associate Editor of the American Journal of Physiology.*

232 W. Lanvale St.

JOHN WHITRIDGE WILLIAMS, M. D., Sc. D.

*Professor of Obstetrics** and Dean.*

A. B., Johns Hopkins University, 1886; M. D., University of Maryland, 1888, and Sc. D. (Hon.), 1907, and University of Dublin, 1912; Associate in Obstetrics, 1893-96; and Associate Professor, 1896-99; *Obstetrician-in-Chief to the Johns Hopkins Hospital.*

1128 Cathedral St.

WALTER JONES, Ph. D.

Professor of Physiological Chemistry

A. B., Johns Hopkins University, 1888, and Ph. D., 1891; Professor of Natural Science, Wittenberg College, 1891-92; Professor of Analytical Chemistry, Purdue University, 1892-95; Assistant in Physiological Chemistry and Toxicology, Johns Hopkins University, 1896-99; Associate, 1899-1901; Associate Professor, 1901-1908.

2621 St. Paul St.

**This department is not yet organized upon the full University basis.

ADOLF MEYER, M. D., LL. D.

*Professor of Psychiatry.***

Zürich Gymnasium, 1885; Swiss Staatsexamen, 1890; M. D., University of Zürich, 1892; LL. D., University of Glasgow, 1901, and Clark University, 1909; Honorary Fellow and Docent in Neurology, University of Chicago, 1892-95; Pathologist and Director of Clinical Laboratory, Worcester (Mass.) Hospital for the Insane, and Docent in Psychiatry, Clark University, 1895-1902; Director of the Pathological (Psychiatric) Institute, New York State Hospitals, Ward's Island, 1902-1910; Professor of Psycho-Pathology, Cornell, 1904-1909; Consulting Alienist, City Detention Hospital, Bay View; *Psychiatrist-in-Chief to the Johns Hopkins Hospital*

101 Edgevale Rd., Roland Park.

JOHN HOWLAND, M. D.

Professor of Pediatrics

A. B., Yale University, 1894, and A. M. (Hon.), 1914; M. D., New York University College of Medicine, 1897, and Cornell University, 1899; House Officer, Presbyterian Hospital, N. Y., 1897-1899, and N. Y. Foundling Hospital, 1899-1900; Pathologist and Assistant Attending Pediatrician, N. Y. Foundling Hospital, 1902-1911; Pediatrician in charge of Children's Clinic, Bellevue Hospital, 1909-1911; Instructor and Associate in Pediatrics, Columbia University; Professor of Pediatrics, Washington University, St. Louis, 1911-1912; Editor, American Journal Diseases of Children; Member of Council of Pharmacy and Chemistry, A. M. A.; Consulting Pediatrician, City Hospital, Bay View; *Director of the Harriet Lane Home and Pediatrician-in-Chief to the Johns Hopkins Hospital.*

Oak St. and Mallory Lane

WARREN HARMON LEWIS, M. D.

Professor of Physiological Anatomy

S. B., University of Michigan, 1894, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor and Associate Professor of Anatomy, 1900-1913; *Co-Editor of The Anatomical Record.*

1931 E. 31st St.

THEODORE CALDWELL JANEWAY, M. D.

Professor of Medicine

Ph. B., Yale University, 1892; and A. M. (Hon.), 1912; M. D., Columbia University, 1895; and Bard Professor of the Practice of Medicine, 1909-14; Sc. D. (Hon.), Washington University, 1915; Visiting Physician, City Hospital, N. Y., 1902-1911; Visiting Physician, St. Luke's Hospital, 1905-1911; Visiting Physician, Presbyterian Hospital, 1911-1914; Member of Board of Directors, Rockefeller Institute for Medical Research; Secretary, Russell Sage Institute of Pathology; Member of Editorial Board of Archives of Internal Medicine; *Physician-in-Chief, The Johns Hopkins Hospital.*

714 St. Paul St.

WILLIAM OSLER, M. D., LL. D., D. C. L., F. R. S.

Honorary Professor of the Principles and Practice of Medicine

M. D., McGill University, 1872; LL. D., McGill, 1895, Aberdeen, 1898, Toronto, 1899, Yale, 1901, Harvard, 1904, Johns Hopkins, 1905; D. C. L., Edinburgh, 1898, Trinity (Toronto), 1902; M. D. (Hon.), Oxford, 1905; D. Sc., Dublin, 1912; Fellow of the Royal Society of London; Fellow of the Royal College of Physicians, London; Professor of the Institutes of Medicine, McGill University, 1874-84; Professor of Clinical Medicine, University of Pennsylvania, 1884-89; Dean of the Medical Faculty, 1898-99; Professor of the Principles and Practice of Medicine, 1889-1905; Physician-in-Chief, the Johns Hopkins Hospital, 1889-1905; Regius Professor of Medicine, University of Oxford.

Oxford, England

** This department is not yet organized upon the full University basis.

HENRY MILLS HURD, M. D., LL. D.

Professor Emeritus of Psychiatry

A. B., University of Michigan, 1863, M. D., 1866, A. M., 1870, and LL. D., 1895; Professor of Psychiatry, Johns Hopkins University, 1889-1906; Superintendent of the Eastern Michigan Hospital, 1878-89; Superintendent of the Johns Hopkins Hospital, 1889-1911; Editor of the Johns Hopkins Hospital Bulletin and of the Johns Hopkins Hospital Reports, 1889-1911; Editor of the American Journal of Insanity; *Secretary, the Johns Hopkins Hospital.*

1023 St. Paul St.

ASSOCIATE PROFESSORS

FLORENCE RENA SABIN, M. D., Sc. D.

Associate Professor of Anatomy

S. B., Smith College, 1893, Sc. D., 1910, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor and Associate in Anatomy, 1902-1905; Resident House Officer, 1900-1901; Holder of Woman's Fellowship in Anatomy, 1901-1902; *Co-Editor of The Anatomical Record.*

1431 Park Av.

WILLIAM WEBBER FORD, M. D., D. P. H.

Associate Professor of Hygiene and Bacteriology and Lecturer in Legal Medicine

A. B., Adelbert College, 1893; M. D., Johns Hopkins University, 1898; Instructor, Associate, and Associate Professor of Bacteriology, 1904-1910; D. P. H., McGill University, 1900 and Fellow in Pathology, 1899-1901; Resident House Officer, Johns Hopkins Hospital, 1898-99; Fellow, Rockefeller Institute for Medical Research, 1901-02; Institute for Infectious Diseases, Berlin, 1901-1902, and Johns Hopkins University 1902-1903.

1027 Cathedral St.

MAX BROEDEL

Associate Professor of Art as Applied to Medicine

Academy of Arts, Leipzig, 1885-90; Illustrator, University of Leipzig, 1890-1894; Instructor in Art as Applied to Medicine, Johns Hopkins University, 1905-1906.

320 Suffolk St., Guilford

DONALD RUSSELL HOOKER, M. D.

Associate Professor of Physiology

A. B., Yale University, 1899, M. S., 1901; M. D., Johns Hopkins University, 1905; Graduate Student, University of Berlin, 1905-1906; Assistant, Instructor and Associate in Physiology, 1906-1910; Managing Editor, American Journal of Physiology.

Upland, Roland Park

CHARLES DAVID SNYDER, Ph. D.

Associate Professor of Physiology

A. B., Leland Stanford, Jr., University, 1896; M. S., and Ph. D., University of California, 1904 and 1905; Holder of Columbia University Table at Zoölogical Station, Naples, 1906; Medical Student, Universities of Berlin and München, 1906-1908; Fellow, Instructor and Associate in Physiology, Johns Hopkins University, 1907-1911.

Charles St. Ave. (P. O. Sta. L.)

LEONARD GEORGE ROWNTREE, M. D.

Associate Professor of Medicine.

M. D., Western University (Canada), 19[illegible]; Resident Physician, Victoria Hospital, London, Canada, 1905-1906; Voluntary Assistant and Assistant in Medicine, 1907-1909; Instructor, Associate and Associate Professor of Experimental Therapeutics, 1909-1914; *Associate Physician, Johns Hopkins Hospital.*

1523 Linden Av.

EDWARDS A. PARK, M. D.

Associate Professor of Pediatrics

A. B., Yale, 1900, and M. D., College of Physicians and Surgeons (N. Y.), 1905; Resident Physician, Roosevelt Hospital, 1905-07, and New York Foundling Hospital, 1907-08; Instructor in Medicine and Pediatrics, and Proudfit Fellow in Medicine, College of Physicians and Surgeons (N. Y.), 1909-12; *Pediatrician in charge, Dispensary, and Associate Pediatrician, the Johns Hopkins Hospital.*

The Cecil

CHARLES MACFIE CAMPBELL, M. D.

Associate Professor of Psychiatry

A. M., University of Edinburgh, 1897, and B. Sc., 1900, M. B. Ch. B., 1902, and M. D., 1911; Member of Royal College of Physicians of Edinburgh, 1908; Associate in Clinical Psychiatry, Psychiatric Institute, New York, 1908-1911; Instructor in Psychopathology, Cornell University Medical School, 1910-1913; First Assistant in Bloomingdale Hospital, New York, 1911-13; *Psychiatrist in charge, Dispensary, and Associate Psychiatrist, the Johns Hopkins Hospital.*

26 Talbot Rd., Windsor Hills

HERMAN O. MOSENTHAL, M. D.

Associate Professor of Medicine

A. B., Columbia College, 1899; M. D., Columbia University, 1903; Interne, New York Hospital, 1904-1906; Interne, New York Foundling Hospital, 1906-07; Assistant Instructor, Associate in Biological Chemistry, Columbia University, 1909-1914; Assistant, Instructor and Associate in Medicine, *ibid.*, 1910-1914; *Physician in charge, Dispensary, and Associate Physician, Johns Hopkins Hospital.*

401 Hawthorn Rd., Roland Park

MILTON CHARLES WINTERNITZ, M. D.

Associate Professor of Pathology

A. B., Johns Hopkins University, 1903, M. D., 1907, Fellow in Pathology, 1907-1908; Assistant, Instructor and Associate in Pathology, 1908-1914; Assistant Resident Pathologist, the Johns Hopkins Hospital, 1910-1913; Pathologist, City Hospitals.

Delaware and Carroll Rds, Windsor Hills

ASSOCIATES

ELI KENNERLY MARSHALL, Jr., Ph. D.

Associate in Pharmacology

S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911; Assistant and Associate in Physiological Chemistry, 1912-14.

227 W. Monument St.

PAUL WISWALL CLOUGH, M. D.

Associate in Medicine

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Assistant and Instructor in Medicine, 1908-1913; Resident House Officer, Assistant Resident Physician, 1907-1913; *Resident Physician.*

The Johns Hopkins Hospital

CLYDE GRAEME GUTHRIE, M. D.

Associate in Medicine

A. B., Lafayette College, 1903; M. D., Johns Hopkins University, 1907; Assistant and Instructor in Medicine, 1908-1913; Resident House Officer, 1907-1908; *Resident Physician in charge of Private Wards.*

The Johns Hopkins Hospital

EDMUND VINCENT COWDRY, Ph. D.

Associate in Anatomy

A. B., University of Toronto, 1909; Ph. D., University of Chicago, 1912; Technical Assistant, 1909; Fellow, Assistant, and Associate in Anatomy, 1910-13.

2024 E. 31st St.

GEORGE JULIUS HEUER, M. D.

Associate in Surgery

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Instructor in Surgery, 1912-1914; Resident House Officer, Assistant Resident and Resident Surgeon, 1907-1914; *Associate Surgeon, the Johns Hopkins Hospital.*

16 E. Biddle St.

PAUL DUDLEY LAMSON, M. D.

Associate in Experimental Therapeutics

A. B., Harvard, 1905, and M. D., 1909; Medical House Officer, Massachusetts General Hospital, Boston, 1909-1911; Sheldon Travelling Fellowship, 1911-1913; Lecture Assistant in Pharmacology, University of Würzburg; Pharmacological Laboratory University College, London University; Assistant Resident Physician, Peter Bent Brigham Hospital, Boston, 1913-1914; Assistant in Experimental Therapeutics, 1914-1915.

1003 N. Calvert St.

WILLIAMS McKIM MARRIOTT, M. D.

Associate in Pediatrics

S. B., University of North Carolina, 1904; M. D., Cornell University, 1910; Assistant in Chemistry, University of North Carolina, 1903-04; Assistant in Biochemistry, Cornell University Medical School, 1904-06; Tutor in Chemistry, College of the City of New York, 1909; Instructor in Biological Chemistry, Washington University Medical School, St. Louis, 1910-1914; Instructor in Pediatrics, 1913-1915; *Assistant Dispensary Physician and Assistant Pediatrician, the Johns Hopkins Hospital.*

2433 Guilford Ave.

LEWIS HILL WEED, M. D.

Associate in Anatomy

A. B., Yale University, 1908 and M. A., 1909; M. D., Johns Hopkins University, 1912; Instructor in Anatomy, 1914-1915; in Charge of the Laboratory of Surgical Research, Harvard, 1912-1913; Arthur Tracy Cabot Fellow, Harvard, 1913-1914.

The Latrobe

MONTROSE THOMAS BURROWS, M. D.

Associate in Pathology

A. B., University of Kansas, 1905; M. D., Johns Hopkins University, 1909; Assistant, Rockefeller Institute for Medical Research, New York, 1909-1911; Instructor in Anatomy, Cornell Medical School, New York, 1911-1915; *Acting Resident Pathologist.*

The Johns Hopkins Hospital

EMIL GOETSCH, M. D.

Associate in Surgery

S. B., University of Chicago, 1903, and Ph. D., 1906; Fellow Assistant and Associate in Anatomy, *ibid,* 1904-1908; Research Assistant, Department of Experimental Therapeutics, *ibid,* 1908 and 1909; Assistant in Surgery, 1909-1910; Assistant Resident Surgeon, 1910-1912; Resident Surgeon, Peter Bent Brigham Hospital, and Assistant in Surgery, Harvard Medical School, Boston, 1912-1915; *Associate Surgeon.*

The Johns Hopkins Hospital

INSTRUCTORS

THOMAS PECK SPRUNT, M. D.

Instructor in Medicine

A. B., Davidson College, 1903; M. D., Johns Hopkins University, 1909; Assistant, Instructor and Associate in Pathology, 1909-1913; *Assistant Resident Physician,* 1913-15; Resident Physician, City Hospital. Bay View.

Bay View

KENNETH DANIEL BLACKFAN, M. D.

Instructor in Pediatrics

M. D., Albany Medical College, 1905; Pathologist, Albany Hospital, and Bacteriologist to Bender Laboratory, Albany, N. Y., 1905-1906; Resident Pediatrician, St. Louis Children's Hospital, 1911-1912; *Resident Pediatrician.*

The Johns Hopkins Hospital

DAVID MELVIN DAVIS, M. D.

Instructor in Urology

S. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Interne, City Hospital, Bay View, 1911-1912; Assistant in Pathology, 1913-1914; *Assistant in Urology, The Johns Hopkins Hospital.*

709 St. Paul St.

ROY DONALDSON McCLURE, M. D.

Instructor in Surgery

A. B., Ohio State University, 1904; Graduate Student, University of Prague, 1906; M. D., Johns Hopkins University, 1908; Assistant in Surgery, 1912-1914; House Surgeon, N. Y. Hospital, 1908-1912; Assistant Resident Surgeon, Johns Hopkins Hospital, 1912-1914; *Resident Surgeon.*

The Johns Hopkins Hospital

EVERETT DUDLEY PLASS, M. D.

Instructor in Obstetrics

A. B., Colgate University, 1907; M. D., Johns Hopkins University, 1911; Assistant in Obstetrics, 1912-1914; Resident House Officer, and Assistant Resident Obstetrician, 1911-1914; *Assistant Visiting Obstetrician, The Johns Hopkins Hospital.*

227 W. Monument St.

PAUL GALPIN SHIPLEY, M. D.

Instructor in Anatomy

M. D., Yale University, 1913; Assistant in Anatomy, Johns Hopkins University, 1913-1914.

144 Jackson Pl.

WALTER EDWARD DANDY, M. D.

Instructor in Surgery

A. B., University of Missouri, 1907; M. D., Johns Hopkins University, 1910, and A. M., 1911; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

ARTHUR LEONARD BLOOMFIELD, M. D.

Instructor in Medicine

A. B., Johns Hopkins University, 1907, and M. D., 1911; Resident House Officer, 1911-1912; Assistant in Medicine, 1912-1915; *Assistant Resident Physician.*

The Johns Hopkins Hospital

EVELETH WILSON BRIDGMAN, M. D.

Instructor in Medicine

A. B., Johns Hopkins University, 1908, and M. D., 1912; Resident House Officer, 1912-1913; Assistant in Medicine, 1913-1915; *Dispensary Physician and Assistant Resident Physician.*

The Johns Hopkins Hospital

CHARLES ADAM LAUBACH, M. D.

Instructor in Hygiene and Bacteriology

S. B., Muhlenburg College, 1909; M. D., Johns Hopkins University, 1913; Assistant in Hygiene and Bacteriology, 1913-1915.

3104 Walbrook Av.

CHARLES CLIFFORD MACKLIN, M. B.

Instructor in Anatomy

James H. Richardson Fellow in Anatomy, University of Toronto, 1912-1913; M. B., University of Toronto, 1914; Assistant in Anatomy, 1914-1915.

1324 Eutaw Pl.

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Instructor in Obstetrics

A. B., Clark University, 1908; M. D., Johns Hopkins University, 1912; Resident House Officer, and Assistant Resident Obstetrician, 1912-1915; Assistant in Obstetrics, 1913-1915; *Obstetrician in charge Dispensary and Resident Obstetrician.*

The Johns Hopkins Hospital

HARRY RICHMOND SLACK, Jr., M. D.

Instructor in Laryngology

A. B., University of Georgia, 1908; M. D., Johns Hopkins University, 1912; *Assistant Dispensary Laryngologist, and Assistant Resident Surgeon.*

The Johns Hopkins Hospital

HENRY CHRISTIAN SCHMEISSER, M. D., Ph. D.

Instructor in Pathology

A. B., Johns Hopkins University, 1908, and M. D., 1912; Ph. D., 1914; Fellow and Assistant in Pathology, 1912-1915.

The Homewood

GEORGE PEIRCE, M. D., Ph. D.

Instructor in Urology

A. B., Haverford College, 1903; M. D., Johns Hopkins University, 1907; A. M. and Ph. D., University of Berlin, 1912; Resident Physician, Dr. Grenfell's Hospital, St. Anthony, Newfoundland, 1907; Resident Physician, Pennsylvania Hospital, Philadelphia, 1908-1909; Assistant in Physiology and Instructor in Pharmacology, University of Wisconsin, 1912 and 1913; *Assistant in Urology, The Johns Hopkins Hospital.*

721 Euclid Ave., Roland Park

MONT ROGERS REID, M. D.

Instructor in Surgery

A. B., Roanoke College, 1908; M. D., Johns Hopkins University, 1912; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

D. SCLATER LEWIS, M. D.

Instructor in Medicine

S. B., McGill University, 1906; M. S., 1907; M. D., 1912; House Physician, Royal Victoria Hospital, 1912-1914; *Assistant Resident Physician.*

The Johns Hopkins Hospital

CECIL KENT DRINKER, M. D.

Instructor in Physiology

A. B., Haverford College, 1909; M. D., University of Pennsylvania, 1913; House Officcer, Peter Bent Brigham Hospital, Boston, 1914-1915.

1003 N. Calvert St.

JAMES LAWDER GAMBLE, M. D.

Instructor in Pediatrics

A. B., Leland Stanford, Jr., University, 1906; M. D., Harvard Medical School, 1910; House Officer, Massachusetts General Hospital, 1910-1912, and Boston Children's Hospital, 1912-1913; *Assistant Dispensary Physician, The Johns Hopkins Hospital.*

709 St. Paul St.

SAMUEL GOLDSCHMIDT, Ph. D.

Instructor in Pathology

S. B., Yale University, 1911, and Ph. D., 1914; Fellow, University of Pennsylvania, 1914-1915.

VEADER NEWTON LEONARD, M. D.

Instructor in Gynecology

Ph. B., Yale University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer, 1911-1912; Assistant Resident and Dispensary Gynecologist, 1912-1915; *Resident Gynecologist and Dispensary Gynecologist.*

The Johns Hopkins Hospital

WARREN RICHARDS SISSON, M. D.

Instructor in Pediatrics

A. B., Colgate University, 1906; M. D., Johns Hopkins University, 1912; House Officer, Massachusetts General Hospital, 1912-13, and Peter Bent Brigham Hospital, 1913-14; Resident Pathologist, *ibid.*, 1914-1915; Instructor in Pathology, Harvard Medical School, 1914-1915; *Assistant Dispensary Physician.*

The Johns Hopkins Hospital

CHARLES ALEXANDER WATERS, M. D.

Instructor in Actinography

M. D., University of Maryland, 1911; *Assistant Roentgenologist, the Johns Hopkins Hospital.*

Govans

ASSISTANTS

ROBERT LOUIS LEVY, M. D.,

Assistant in Medicine

A. B., Yale University, 1909; M. D., Johns Hopkins University, 1913; Resident House Officer, 1913-1914; *Assistant Resident Physician.*

The Johns Hopkins Hospital

NORMAN MACDONNELL KEITH, M. D.

Assistant in Medicine

A. B., University of Toronto, 1908; M. D., Johns Hopkins University, 1911; Interne, N. Y. Hospital, 1911-13; *Assistant in Urology, The Johns Hopkins Hospital.*

227 W. Monument St.

HENRY R. MULLER, M. D.

Assistant in Anatomy

A. B., Cornell University, 1909, and M. D., 1913; Interne, Vassar Brothers' Hospital, Poughkeepsie, 1914.

1318 Bolton St.

ALICE ROHDE, M. D.

Assistant in Pharmacology

S. B., University of Chicago, 1903; M. D., Johns Hopkins University, 1910; Mary Putnam Jacobi Fellowship, Berlin, 1910-1912; Instructor in Physiological Chemistry, Carnegie Institute of Technology, Pittsburgh, 1913-14.

The Homewood

CHARLES AUGUST ROUILLER, Ph. D.

Assistant in Pharmacology (Rockefeller Grant)

A. B., Leland Stanford Junior University, 1903; Ph. D., Johns Hopkins University, 1906; Assistant, Rockefeller Institute, 1906-1907; Assistant in Chemistry, Johns Hopkins University.

Buck's Lane, West Arlington

DAVID CORBIN STREETT, M. D.

Assistant in Medicine

A. B., Johns Hopkins University, 1908, and M. D., 1912; Resident House Officer, 1912-1913; Assistant Physician in charge Dispensary Laboratory, 1913-1914; *Assistant Resident Physician.*

The Johns Hopkins Hospital

D. WRIGHT WILSON, Ph. D.

Assistant in Physiological Chemistry

S. B., Grinnell College, 1910; Ph. D., Yale University, 1914.

227 W. Monument St.

MARJORIE DIETZ BATCHELOR, M. D.

Assistant in Medicine

A. B., Wellesley College, 1907; M. D., Johns Hopkins University, 1915; *Dispensary Laboratory, The Johns Hopkins Hospital.*

1705 Fairmount Av.

ROGER PUTNAM BATCHELOR, M. D.

Assistant in Surgery

A. B., University of Wisconsin, 1911; M. D., Johns Hopkins University, 1915.

1705 Fairmount Av.

ADMONT HALSEY CLARK, M. D.

Assistant in Pathology

A. B., Oberlin College, 1910; M. D., Johns Hopkins University, 1915.

518 N. Broadway

MILDRED CLARK, M. D.

Assistant in Medicine

A. B., Wellesley College, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer, Johns Hopkins Hospital, 1914-1915; *Assistant Resident Physician.*

The Johns Hopkins Hospital

ROBERT SIDNEY CUNNINGHAM, M. D.

Assistant in Anatomy

S. B. and A. M., Davidson College, 1911; M. D., Johns Hopkins University, 1915.

716 N. Broadway

DANIEL DAVIS, M. D.

Assistant in Obstetrics

A. B., Harvard University, 1909; M. D., Johns Hopkins University, 1913; Assistant in Physiology, 1913-1914; Interne, Johns Hopkins Hospital, 1914-1915; *Dispensary Obstetrician and Assistant Resident Obstetrician.*

The Johns Hopkins Hospital

WILLIAM CORE DUFFY, M. D.

Assistant in Pathology

A. B., Wake Forest College, 1910; M. D., Johns Hopkins University, 1914; Interne, City Hospital, Bay View, 1914-1915.

WILLIAM ARCHIBALD FRONTZ, M. D.

Assistant in Urology

A. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer, 1911-1912; *Assistant Dispensary Urologist and Resident Urologist.*

The Johns Hopkins Hospital

CALVIN HOOKER GODDARD, M. D.

Assistant in Medicine

A. B., Johns Hopkins University, 1911, and M. D., 1915; *Assistant Dispensary Physician, the Johns Hopkins Hospital.*

The Walbert

ROSCOE WILLIS HALL, M. D.

Assistant in Psychiatry

Ph. B., Dickinson College, 1908; M. D., Johns Hopkins University, 1912; Interne, City Hospital, Bay View, 1912-1913; Assistant Resident and Assistant Dispensary Psychiatrist, 1913-1915; *Assistant Dispensary Psychiatrist and Resident Psychiatrist.*

The Johns Hopkins Hospital

HAROLD LEONARD HIGGINS, A. B.

Assistant in Pediatrics

A. B., Harvard University, 1907; Instructor in Chemistry, Swarthmore College, 1907-1908; Physiologist, Carnegie Nutrition Laboratory, Boston, 1908-1915.

1702 N. Broadway

ALMA HILLER, S. B.

Assistant in Medicine

S. B., Carnegie Institute of Technology, 1914; Graduate Student and Student Assistant in Physiology and Chemistry, *ibid.*, 1914-1915; Graduate Student, Harvard Summer School, 1915.

102 Jackson Pl.

H. PAGE MAUCK, M. D.

Assistant in Surgery

M. D., Richmond Medical College, 1913; Interne, Johnston-Willis Sanatorium, Richmond, 1913-1914; Resident, Child's Hospital School, Baltimore, 1914; *Assistant Dispensary Surgeon and Assistant Resident Surgeon.*

The Johns Hopkins Hospital

ALMA SOPHIA ROTHHOLZ, M. D.

Assistant in Laryngology

A. B., Smith College, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer, 1914-1915.

2108 Bolton St.

FREDERICK JANNEY SMITH, M. D.

Assistant in Medicine

A. B., Johns Hopkins University, 1909, and M. D., 1913; Resident House Officer, Johns Hopkins Hospital, 1913-1914; *Assistant Resident Physician in charge Private Wards.*

The Johns Hopkins Hospital

CLINICAL STAFF

PROFESSORS

LEWELLYS FRANKLIN BARKER, M. D., LL. D.

Professor of Clinical Medicine

M. B., University of Toronto, 1890, and M. D. (Hon.), 1905; LL. D., Queen's University, 1908, and McGill University, 1911; House Officer, Toronto General Hospital, 1890-91; Assistant Resident Physician, Assistant Resident and Resident Pathologist and Physician-in-Chief, the Johns Hopkins Hospital, 1891-1914; Fellow in Pathology, Johns Hopkins University, 1892-94, Associate in Anatomy, 1894-97, Associate Professor of Anatomy, 1897-99, and Associate Professor of Pathology, 1899-1900, and Professor of Medicine, 1905-1914; Professor and Head of the Department of Anatomy, University of Chicago, 1900-04, and Professor of Medicine, Rush Medical College, 1904-05; *Visiting Physician, the Johns Hopkins Hospital.*

1035 N. Calvert St.

WILLIAM SYDNEY THAYER, M. D., LL. D., Hon. F. R. C. P. I.

Professor of Clinical Medicine

A. B., Harvard University, 1885, and M. D., 1889; LL. D., Washington College, 1907; Honorary Fellow, Royal College of Physicians of Ireland, 1912; Resident Physician, Johns Hopkins Hospital, 1891-1898; Associate in Medicine, 1899-1905, and Associate Physician, 1905-14; Associate and Associate Professor of Medicine, Johns Hopkins University, 1895-1905; *Visiting Physician, The Johns Hopkins Hospital.*

406 Cathedral St.

JOHN MILLER TURPIN FINNEY, M. D.

Professor of Clinical Surgery

A. B., Princeton University, 1884; M. D., Harvard University, 1888; Surgeon to the Union Protestant Infirmary; Associate and Associate Professor of Surgery, Johns Hopkins University, 1893-1912; Associate in Surgery, 1891-1912, and Associate Surgeon, 1912-1914; *Visiting Surgeon, the Johns Hopkins Hospital.*

1300 Eutaw Place

CLINICAL PROFESSORS

SAMUEL THEOBALD, M. D.

Clinical Professor of Ophthalmology

M. D., University of Maryland, 1867; Surgeon to the Baltimore Eye, Ear and Throat Charity Hospital, Oculist and Aurist to the Home for Incurables; *Ophthalmologist in charge Dispensary, and Visiting Ophthalmologist, the Johns Hopkins Hospital.*

970 N. Howard St.

HENRY M. THOMAS, M. D.

Clinical Professor of Neurology

M. D., University of Maryland, 1884; A. M. (Hon.), Johns Hopkins University, 1902; Consulting Neurologist, City Hospital, Bay View; *Neurologist in charge, Dispensary, and Visiting Neurologist, the Johns Hopkins Hospital.*

1228 Madison Av.

JERE WILLIAMS LORD, M. D.

Clinical Professor of Dermatology

A. B., Johns Hopkins University, 1884; M. D., University of Pennsylvania, 1887; *Dermatologist in charge, Dispensary, and Visiting Dermatologist, the Johns Hopkins Hospital.*

1011 N. Charles St.

THOMAS CASPAR GILCHRIST, M. D., M. R. C. S., L. S. A. (Eng.)

Clinical Professor of Dermatology

M. R. C. S., and L. S. A., London, 1887; M. D. (Hon.), University of Maryland, 1907; Corresponding Member, Berliner Dermatologische Gesellschaft; Honorary Member of the Society of Dermatology and Syphilis of Italy; *Dermatologist in charge, Dispensary, and Visiting Dermatologist, the Johns Hopkins Hospital.*

330 N. Charles St.

HENRY JOHNS BERKLEY, M. D., Sc. D.

Clinical Professor of Psychiatry

M. D., University of Maryland, 1881; D. Sc. (Hon.), 1907; Consulting Neurologist, St. Joseph's Hospital; Visiting Physician, City Detention Hospital, Bay View.

1305 Park Av.

HUGH HAMPTON YOUNG, M. D.

Clinical Professor of Urology

A. B. and A. M., University of Virginia, 1893, and M. D., 1894; Assistant Resident Surgeon, 1895-98; Associate in Surgery, the Johns Hopkins Hospital, 1898-1914; Instructor, Associate and Associate Professor in Genito-Urinary Surgery, Johns Hopkins University, 1893-1914; *Visiting Urologist, the Johns Hopkins Hospital.*

330 N. Charles St.

WILLIAM DAVID BOOKER, M. D.

Clinical Professor Emeritus of Pediatrics

M. D., University of Virginia, 1867; Visiting Physician, St. Agnes Hospital, 1894-95; Physician in charge of the Thomas Wilson Sanitarium, Baltimore, 1881-98; Clinical Professor of Pediatrics, Johns Hopkins University, 1889-1909; Associate in Pediatrics, the Johns Hopkins Hospital and Dispensary, 1889-1909.

208 W. Monument St.

ASSOCIATE PROFESSORS

WILLIAM WOOD RUSSELL, M. D.

Associate Professor of Clinical Gynecology

M. D., University of Pennsylvania, 1890; Resident and Associate in Gynecology, Johns Hopkins Hospital, 1894-1914; Associate in Gynecology, Johns Hopkins University, 1895-99; *Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

1208 Eutaw Place

THOMAS STEPHEN CULLEN, M. B.

Associate Professor of Clinical Gynecology

M. B., University of Toronto, 1890; Assistant Resident, Resident, and Associate in Gynecology, the Johns Hopkins Hospital, 1892-1914; Instructor and Associate in Gynecology, Johns Hopkins University, 1895-1899; *Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

20 E. Eager St.

ROBERT LEE RANDOLPH, M. D.

Associate Professor of Clinical Ophthalmology and Otology

M. D., University of Maryland, 1884, and A. M. (Hon.), Johns Hopkins University, 1902; Assistant in Ophthalmology, Vienna Polyclinic, 1886; Associate in Ophthalmology and Otology, Johns Hopkins University, 1896-1901; *Ophthalmologist in charge, Dispensary, and Assistant Visiting Ophthalmologist, the Johns Hopkins Hospital.*

609 Park Av.

THOMAS BARNES FUTCHER, M. B.

Associate Professor of Clinical Medicine

M. B., University of Toronto, 1893; Assistant Resident, Resident, and Associate in Medicine, Johns Hopkins Hospital, 1894-1914; Instructor and Associate in Medicine, Johns Hopkins University, 1896-1901; *Physician in charge, Dispensary, and Assistant Visiting Physician, the Johns Hopkins Hospital.*

23 W. Franklin St.

JOSEPH COLT BLOODGOOD, M. D.

Associate Professor of Clinical Surgery

B. B., University of Wisconsin, 1888; M. D., University of Pennsylvania, 1891; Resident Surgeon, 1893-97, and Associate in Surgery, Johns Hopkins Hospital, 1897-1914; Assistant, Instructor, and Associate in Surgery, Johns Hopkins University, 1895-1903; *Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

904 N. Charles St.

WILLIAM STEVENSON BAER, M. D.

Associate Professor of Clinical Orthopedic Surgery

A. B., Johns Hopkins University, 1894, and M. D., 1898; Assistant, Instructor, and Associate in Orthopedic Surgery, 1900-1910; Resident House Officer, Assistant Resident Surgeon and Associate in Orthopedic Surgery, the Johns Hopkins Hospital, 1898-1914; *Surgeon in charge, Orthopedic Dispensary, and Assistant Visiting Orthopedic Surgeon, the Johns Hopkins Hospital.*

4 E. Madison St.

THOMAS RICHMOND BOGGS, M. D.

Associate Professor of Clinical Medicine

S. B., University of Georgia, 1896; Graduate Student, 1896-97; M. D., Johns Hopkins University, 1901; Assistant and Associate in Medicine, 1903-11; Resident House Officer, Assistant Resident and Resident Physician, 1901-1911; Physician-in-Chief, City Hospital, Baltimore; *Assistant Visiting Physician, the Johns Hopkins Hospital.*

21 W. Chase St.

LOUIS VIRGIL HAMMAN, M. D.

Associate Professor of Clinical Medicine

A. B., Rock Hill College, 1896; Graduate Student, Johns Hopkins University, 1896-97, M. D., 1901, and Assistant, Instructor and Associate in Medicine, 1903-1915; House Physician, New York Hospital, 1902-1903; Physician in charge, Phipps Dispensary, 1905-1915; *Physician in charge Dispensary and Assistant Visiting Physician, the Johns Hopkins Hospital.*

714 Park Av.

JOHN TIMOTHY GERAGHTY, M.D.

Associate Professor of Clinical Urology

A. B., St. Thomas College, 1895; Ph. B., St. Paul Seminary, 1897; Graduate Student, Johns Hopkins University, 1897-1898; M. D., 1903; Assistant Instructor and Associate in Genito-Urinary Diseases, 1907-15; Resident House Officer, 1903-1904; Consulting Urologist, City Hospital, Bay View; *Assistant Visiting Urologist, the Johns Hopkins Hospital.*

330 N. Charles St.

LECTURERS

CHARLES WARDELL STILES, Ph. D., D. Sc., LL. D.

Lecturer on Medical Zoölogy

A. M., Ph. D., University of Leipzig, 1890; M. S. (Hon.), Wesleyan University, 1896; D. Sc. (Hon.), Wesleyan University, 1906; LL. D., University of North Carolina, 1913; M. D. (Hon.), University College of Medicine, Richmond, 1914; Corresponding Member, Society of Biology and Academy of Medicine (Paris); Zoölogist, U. S. Bureau of Animal Industry, 1891-1902; Professor of Zoölogy, of U. S. Public Health and Marine-Hospital Service, Washington, D. C.; Secretary, International Commission on Zoölogical Nomenclature.

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CHARLES CASPARI, Jr.

Lecturer in Pharmacy

Ph. G., Maryland College of Pharmacy, 1869; Phar. D., University of Maryland, 1905; Professor of Pharmacy and Dean of Faculty, University of Maryland.

1129 Harlem Ave.

*HANS LIEB, Ph. D.

Lecturer on Special Analytical Methods

Assistant in Physiological Chemistry, University of Graz, Austria.

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* Absent on leave.

ASSOCIATES

FRANK ROBERT SMITH, M. D.

Associate in Clinical Medicine

A. M., University of Cambridge (England), 1882; M. D., University of Maryland, 1891; Assistant Resident Physician, the Johns Hopkins Hospital, 1891-93; Instructor in Medicine, Johns Hopkins University, 1895-1901; *Dispensary Physician, Johns Hopkins Hospital.*

1126 Cathedral St.

GUY LeROY HUNNER, M. D.

Associate in Clinical Gynecology

S. B., University of Wisconsin, 1893; M. D., Johns Hopkins University, 1897, and Instructor in Gynecology, 1901-1902; Resident House Officer, Assistant Resident, Resident Gynecologist, and Associate in Gynecology, 1897-1914; *Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

2305 St. Paul St.

LOUIS PHILIP HAMBURGER, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1893, M. D., 1897, Assistant and Instructor in Medicine, 1899-1904; Resident House Officer, 1897-98; *Dispensary Physician, the Johns Hopkins Hospital.*

1207 Eutaw Place

THOMAS RICHARDSON BROWN, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1892, M. D., 1897, Instructor in Medicine, 1899-1904; Resident House Officer, 1897-98; *Physician in charge, Gastro-Intestinal Diseases, Dispensary, and Assistant Visiting Physician, the Johns Hopkins Hospital.*

19 W. Biddle St.

RICHARD HOLDEN FOLLIS, M. D.

Associate in Clinical Surgery

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899, and Instructor in Surgery, 1902-1905; Externe, Assistant Resident, Resident Surgeon, and Associate in Surgery, 1899-1914; *Dispensary Surgeon, and Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

3 E. Read St.

GEORGE WALKER, M. D.

Associate in Clinical Surgery

M. D., University of Maryland, 1889; Instructor in Surgery, Johns Hopkins University, 1900-1905; *Surgeon in Charge, the Johns Hopkins Dispensary.*

529 N. Charles St.

FREDERICK HARRY BAETJER, M. D.

Associate in Actinography

A. B., Johns Hopkins University, 1897, M. D., 1901, and Assistant in Surgery, 1903-1906; Resident House Officer, 1901-02; *Roentgenologist, the Johns Hopkins Hospital.*

4 E. Madison St.

ELIZABETH HURDON, M. D.

Associate in Clinical Gynecology

M. D., Trinity University (Toronto), 1895; Assistant and Instructor in Gynecology, Johns Hopkins University, 1900-1908.

31 W. Preston St.

JAMES HALL MASON KNOX, Jr., Ph. D., M. D.

Associate in Clinical Pediatrics

A. B., Yale University, 1892, and Ph. D., 1894; A. M., Lafayette College, 1896; M. D., Johns Hopkins University, 1898; Assistant and Instructor in Pediatrics, 1902-1909; Resident House Officer, 1898-1899; Physician in charge, the Thomas Wilson Sanitarium; *Dispensary Pediatrician, and Assistant Visiting Pediatrician, the Johns Hopkins Hospital.*

804 Cathedral St.

EDWARD HENDERSON RICHARDSON, M. D.

Associate in Clinical Gynecology

A. B., Hampden-Sidney College, 1900; Graduate Student, Johns Hopkins University, 1900-1901, and M. D., 1905; Instructor in Gynecology, 1910-1912; Resident House Officer, and Assistant Resident and Resident Gynecologist, 1905-1910; Consulting Gynecologist, City Hospital, Bay View; *Gynecologist in charge, Dispensary, and Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

216 E. Preston St.

SAMUEL JAMES CROWE, M. D.

Associate in Clinical Laryngology

A. B., University of Georgia, 1904; M. D., Johns Hopkins University, 1908; Assistant in Surgery, 1908-1909; Assistant Resident Surgeon, 1909-1910; *Laryngologist in charge, Dispensary, and Visiting Laryngologist, the Johns Hopkins Hospital.*

1206 Linden Av.

JOHN ARTHUR LUETSCHER, M. D.

Associate in Clinical Medicine

S. B., University of Wisconsin, 1895; M. D., Johns Hopkins University, 1899; Assistant and Instructor in Medicine, 1905-1913; Resident House Officer, 1899-1900; House Physician, City Hospital, Boston, 1900-1901; *Dispensary Physician, the Johns Hopkins Hospital.*

1025 Madison Av.

KARL MILLER WILSON, M. D.

Associate in Clinical Obstetrics

M. D. C. M., McGill University, 1908; House Surgeon, Montreal General Hospital, 1908-1909; Interne, Assistant Resident, and Resident Obstetrician, the Johns Hopkins Hospital, 1909-1912; Assistant and Instructor in Obstetrics, Johns Hopkins University, 1910-1912; Resident Gynecologist, Royal Victoria Hospital, Montreal, 1912-1913; *Assistant Visiting Obstetrician, the Johns Hopkins Hospital.*

23 W. Chase St.

CHARLES ROBERT AUSTRIAN, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1904, and M. D., 1909; Resident House Officer, and Assistant Resident Physician 1909-1915; *Physician in charge Phipps Dispensary, the Johns Hopkins Hospital.*

1417 Eutaw Place

WALTER ALBERT BAETJER, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1905, and M. D., 1909; Resident House Officer and Assistant Resident, 1909-1914; Resident Physician, City Hospital, Bay View, 1911-1912; Instructor in Medicine, 1912-1915; *in charge Clinical Laboratory, and Dispensary Physician, the Johns Hopkins Hospital.*

16 W. Madison St.

INSTRUCTORS

JAMES JOSEPH MILLS, M. D.

Instructor in Clinical Ophthalmology

M. D., Baltimore Medical College, 1889; Assistant in Ophthalmology and Otology, Johns Hopkins University, 1903-04; Consulting Ophthalmologist, City Hospital, Bay View, and *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

853 Park Av.

JACOB HALL PLEASANTS, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1895, and M. D., 1899; Assistant in Medicine, 1900-1905; Resident House Officer, 1899-1900; President, Board of Supervisors of City Charities; *Dispensary Physician, the Johns Hopkins Hospital.*

806 University Parkway

EDGAR RANDOLPH STROBEL, M. D.

Instructor in Clinical Dermatology

A. B., Johns Hopkins University, 1895, and M. D., 1899; Assistant in Dermatology, 1903-1906; Consulting Dermatologist, City Hospital, Bay View; *Dispensary Dermatologist, the Johns Hopkins Hospital.*

330 N. Charles St.

WILLIAM RUSH DUNTON, Jr., M. D.

Instructor in Clinical Psychiatry

S. B., Haverford College, 1889, and A. M., 1890; M. D., University of Pennsylvania, 1893; Assistant Physician, Sheppard and Enoch Pratt Hospital; Assistant in Psychiatry, Johns Hopkins University, 1906; *Dispensary Psychiatrist, the Johns Hopkins Hospital.*

E. Evesham Av., Govans.

JOSEPH ALBERT CHATARD, M. D.

Instructor in Clinical Medicine

A. B., Loyola College, 1898; Graduate Student, Johns Hopkins University, 1898-1899, and M. D., 1903; Assistant in Medicine, 1905-1907; Assistant Resident Physician, St. Joseph's Hospital, 1903-1904; *Dispensary Physician, the Johns Hopkins Hospital.*

40 W. Biddle St.

NATHAN EDMONDSON BERRY IGLEHART, M. D.

Instructor in Clinical Surgery

M. D., University of Maryland, 1889; Assistant in Surgery, Johns Hopkins University, 1900-1909; *Dispensary Surgeon, the Johns Hopkins Hospital.*

1012 Cathedral St.

GEORGE LANE TANEYHILL, Jr., M. D.

Instructor in Clinical Neurology

A. B., Johns Hopkins University, 1900, M. D., 1904; Assistant in Medicine, 1905-1909; Externe, the Johns Hopkins Hospital, 1904-1905; *Dispensary Neurologist, the Johns Hopkins Hospital.*

1402 Eutaw Place

CHARLES WILLIAM LARNED, M. D.

Instructor in Clinical Medicine

M. D., University of Maryland, 1893; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Free Lying-in-Hospital, University of Maryland, 1893-1894; Resident Physician, Hospital for Women of Maryland, 1894-1895; *Dispensary Physician, the Johns Hopkins Hospital.*

1327 Park Av.

HENRY LEE SMITH, M. D., F. R. S. A. (Lond.)

Instructor in Clinical Medicine

M. D., University of Maryland, 1894; A. M. (Hon.), St. John's College (Maryland), 1909; Fellow, Royal Society of Arts, London, 1914, and of the American Association for the Advancement of Science, 1914; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Hospital for Women of Maryland, 1895-1896; *Dispensary Physician, the Johns Hopkins Hospital.*

2701 N. Calvert St.

SAMUEL WOLMAN, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1902, and M. D., 1906; Assistant in Medicine, 1907-1909; *Dispensary Physician, the Johns Hopkins Hospital.*

2407 Madison Av.

JOHN HENDRICKEN KING, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1899, and Graduate Student, 1899-1902; M. D., 1906; Assistant and Instructor in Medicine and Pathological Physiology, 1906-1909; *Assistant Dispensary Physician, the Johns Hopkins Hospital.*

1227 N. Calvert St.

CHARLES METCALFE BYRNES, M. D.

Instructor in Clinical Neurology

S. B., University of North Carolina, 1902; M. D., Johns Hopkins University, 1906; Adjunct Professor of Anatomy, University of Virginia, 1908-1909; *Dispensary Neurologist, the Johns Hopkins Hospital.*

207 E. Preston St.

JOHN STAIGE DAVIS, M. D.

Instructor in Clinical Surgery

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899; Resident House Officer, 1899-1900; Resident Physician, Union Protestant Infirmary, 1900-1903; *Dispensary Surgeon, and Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

1200 Cathedral St.

WILLIAM ALEXANDER FISHER, M. D.

Instructor in Clinical Surgery

A. B., Princeton University, 1896; M. D., Johns Hopkins University, 1900; Resident House Officer, 1900-1901; *Dispensary Surgeon, the Johns Hopkins Hospital.*

715 Park Av.

OMAR BORTON PANCOAST, M. D.

Instructor in Clinical Surgery

S. B., Swarthmore College, 1893; M. D., Johns Hopkins University, 1897; Resident House Officer, 1897-1898; *Dispensary Surgeon, the Johns Hopkins Hospital.*

1111 N. Charles St.

BERTRAM MOSES BERNHEIM, M. D.

Instructor in Clinical Surgery

A. B., Johns Hopkins University, 1901; M. D., 1905; Assistant in Surgery, 1911-1913; *Dispensary Surgeon, the Johns Hopkins Hospital.*

2319 Linden Av.

DAVID ISRAEL MACHT, M. D.

Instructor in Clinical Medicine and Lecture Assistant in Pharmacology

A. B., Johns Hopkins University, 1902, and M. D., 1906; LL. B., Hamilton College of Law, Chicago, 1915; Assistant in Medicine, 1911-1913; Harvard Summer School, 1903-1905; Vol. Asst. Klinik, Prof. Landau, Berlin, 1906-1907; *Dispensary Physician, the Johns Hopkins Hospital.*

3218 Auchentoroly Terr.

HARVEY BRINTON STONE, M. D.

Instructor in Clinical Surgery

A. B., Johns Hopkins University, 1902, and M. D., 1906; Resident House Officer, 1906-1907; Adjunct Professor of Surgery, University of Virginia, 1907-1910; *Dispensary Surgeon, the Johns Hopkins Hospital.*

214 E. Preston St.

ALBERT KEIDEL, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1900, and M. D., 1903; Clinical Assistant in Medicine, Johns Hopkins Hospital, 1903-1906; *Dispensary Physician, the Johns Hopkins Hospital.*

847 Park Av.

ROADES FAYERWEATHER, M. D.

Instructor in Clinical Orthopedic Surgery

A. B., Harvard University, 1899; M. D., Johns Hopkins University, 1903; Assistant in Orthopedic Surgery, 1905-1914; Orthopedic Surgeon, Carney Hospital, Boston, 1903-1904; *Dispensary Surgeon, the Johns Hopkins Hospital.*

529 N. Charles St.

ROBERT WILLIAM BAINBRIDGE MAYO, M. D.

Instructor in Clinical Medicine

A. B., Maryland Agricultural College, 1903, and M. S., 1904; M. D., Johns Hopkins University, 1908; Supt. Gulf Coast Sanatorium, Mississippi, 1908-1909; Assistant Resident, Church Home and Infirmary, 1909-1910; Resident Surgeon, Hospital for Women of Maryland, 1910-1912; *Dispensary Physician, the Johns Hopkins Hospital.*

819 N. Charles St.

GEORGE E. BENNETT, M. D.

Instructor in Clinical Orthopedic Surgery

M. D., University of Maryland, 1909; *Dispensary Surgeon, Johns Hopkins Hospital.*

4 E. Madison St.

SYDNEY ROBOTHAM MILLER, M. D.

Instructor in Clinical Medicine

S. B., New York University, 1905; M. D., Johns Hopkins University, 1910; Resident House Officer, 1910-1911; Assistant in Clinical Medicine in charge of Laboratory Internal Medicine, 1913-1915; *Assistant in Clinical Laboratory and Dispensary Physician, the Johns Hopkins Hospital.*

Elgin Av. and 12th St.

EMIL NOVAK, M. D.

Instructor in Clinical Gynecology

M. D., Baltimore Medical College, 1904; Associate Professor of Gynecology, College of Physicians and Surgeons.

823 N. Patterson Park Av.

MARTIN FRANCIS SLOAN, M. D.

Instructor in Clinical Medicine

M. D., Baylor University, 1907; Assistant in Clinical Medicine, 1910-1915; Resident Physician, Eudowood Sanatorium; *Dispensary Physician, the Johns Hopkins Hospital.*

Eudowood

ASSISTANTS

EUGENE JOSEPH LEOPOLD, M. D.

Assistant in Clinical Medicine

A. B., Johns Hopkins University, 1901; M. D., 1905; Graduate Student, University of Berlin; "Volunteer" Stadisches Krankenhaus, Munich, and Graduate Student, London, 1905-1907; *Dispensary Physician, the Johns Hopkins Hospital.*

803 Park Av.

HOWARD ELMER ASHBURY, M. D.

Assistant in Clinical Surgery

Ph. G., Maryland College of Pharmacy, 1899; M. D., University of Maryland, 1908; *Dispensary Surgeon, the Johns Hopkins Hospital.*

827 N. Charles St.

TRIGANT BURROW, M. D., Ph. D.

Assistant in Clinical Psychiatry

A. B., Fordham University, 1895; M. D., University of Virginia, 1899; Demonstrator in Biology, University of Virginia, 1899-1900; Graduate Student, Pathology and Bacteriology, and Philology, 1901-1903; Assistant in Psychology, Johns Hopkins University, 1906-1909, and Ph. D., 1909; *Assistant Dispensary Psychiatrist, the Johns Hopkins Hospital.*

Washington Apts.

FRANKLIN HAZLEHURST, Jr., M. D.

Assistant in Clinical Laryngology

A. B., Johns Hopkins University, 1903, and M. D., 1907; Acting Resident House Officer and Externe in Medicine, 1907-1908; Surgeon, Robert Garrett Hospital for Children; *Assistant Dispensary Laryngologist, the Johns Hopkins Hospital.*

230 W. Lafayette Av.

HEDLEY VICARS TWEEDIE, M. D.

Assistant in Clinical Ophthalmology

M. D., Baltimore Medical College, 1897; Assistant Surgeon, Baltimore Eye, Ear, and Throat Charity Hospital; *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

508 Park Av.

ISAAC ROSENBAUM PELS, M. D.

Assistant in Clinical Dermatology

A. B., Johns Hopkins University, 1902, and M. D., 1906; Interne, the Jewish Hospital, Philadelphia, 1906-1907; Externe in Medicine and Surgery, 1907-1909; Interne, Union Protestant Infirmary, Baltimore, 1908; *Dispensary Dermatologist, the Johns Hopkins Hospital*

922 W. North Ave.

LEO JOHN GOLDBACH, M. D.

Assistant in Clinical Ophthalmology

A. B., Loyola College, 1901; M. D., University of Maryland, 1905; Surgeon, Presbyterian Eye, Ear and Throat Hospital; *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

322 N. Charles St.

LLOYD WARREN KETRON, M. D.

Assistant in Clinical Dermatology

A. B., Grant University, 1907; M. D., Johns Hopkins University, 1911; *Assistant Dispensary Dermatologist, the Johns Hopkins Hospital.*

529 N. Charles St.

LLOYD BANKSON WHITHAM, M. D.

Assistant in Clinical Ophthalmology

M. D., University of Pennsylvania, 1910; Assistant Surgeon, Baltimore Eye, Ear and Throat Charity Hospital; Consulting Ophthalmologist, Robert Garrett Hospital; *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

1007 N. Calvert St.

JOHN SCOTT WILLOCK, M. D.

Assistant in Clinical Dermatology

S. B., Princeton University, 1900; M. D., Johns Hopkins University, 1904; Resident Physician, Allegheny General Hospital, 1904-1905; *Assistant Dispensary Dermatologist, the Johns Hopkins Hospital.*

Englewood Rd. and Falls Rd. Terr., Roland Park.

LEWIE MULLER GRIFFITH, M. D.

Assistant in Clinical Laryngology

S. B., University of South Carolina, 1908; M. D., Johns Hopkins University, 1915.

426 N. Wolfe St.

FREDERICK WILLIAM HOBELMAN, M. D.

Assistant in Clinical Urology

M. D., Baltimore Medical College, 1901; *Dispensary Urologist, the Johns Hopkins Hospital.*

33 Gunther Building

MARY ASHMUN HODGE, M. D.

Assistant in Clinical Medicine

A. B., Leland Stanford, Jr., University, 1908, and Graduate Student, 1909-1910; M. D., Johns Hopkins University, 1914; Physician in charge of Dispensary Laboratory, 1914-1915; *Assistant Resident Physician* (2 months).

The Johns Hopkins Hospital

CAROLINE BENSON TOWLES, M. D.

Assistant in Clinical Medicine

A. B., Woman's College of Baltimore, 1893; M. D., Johns Hopkins University, 1905; Assistant in Pediatrics, 1913-1914; *Dispensary Physician, the Johns Hopkins Hospital.*

1006 Madison Ave.

SAMUEL SHELTON WATKINS, M. D.

Assistant in Clinical Laryngology

A. B. Central University of Kentucky, 1908; M. D., Johns Hopkins University, 1914; Interne, Church Home and Infirmary, 1914; Assistant Superintendent, Peter Bent Brigham Hospital, 1914-1915; *Assistant Dispensary Laryngologist.*

The Johns Hopkins Hospital

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The Board was constituted by resolution of the Trustees (April 3, 1893), "to report to the Trustees from time to time their suggestions and to prepare and carry forward the proper arrangements for the instruction and graduation of medical students."

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William H. Howell, Chairman.

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J. Whitridge Williams, Chairman.

This Committee consists of the Professors and Associate Professors instructing third and fourth year students.

COMMITTEE ON GRADUATE INSTRUCTION

The Dean (Chairman), Winford Smith.
Lewellys F. Barker,

COMMITTEE ON THE CATALOGUE AND ANNOUNCEMENT

The Dean (Chairman), Franklin P. Mall,
William H. Howell, William H. Welch.

The Dean is *ex officio* member of all committees.

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M. Llewellyn Raney.....4117 Penhurst Av., W. Arlington.
Librarian of the University.

Thomas R. Ball.....3102 Walbrook Av.
Registrar of the University.

George J. Coy.....2403 Elsinore Av., Walbrook
Registrar of the Medical Department.

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Under the rules and regulations of the Johns Hopkins Hospital it is "the duty of the Medical Board to advise the Trustees in all matters relating to the welfare of the Hospital."

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Assistant Superintendent	KARL H. VAN NORMAN.
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Physician-in-Chief	THEODORE C. JANEWAY.
Associate Physician	HERMAN O. MOSENTHAL.
Associate Physician	LEONARD G. ROWNTREE.
Surgeon-in-Chief	WILLIAM S. HALSTED.
Associate Surgeon	GEORGE J. HEUER.
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Gynecologist-in-Chief	HOWARD A. KELLY.
Obstetrician-in-Chief	J. WHITRIDGE WILLIAMS.
Pediatrician-in-Chief	JOHN HOWLAND.
Associate Pediatrician	EDWARDS A. PARK.
Assistant Pediatrician	WILLIAMS MCK. MARRIOTT.
Psychiatrist-in-Chief	ADOLF MEYER.
Associate Psychiatrist	C. MACFIE CAMPBELL.

Visiting Physician	LEWELLYS F. BARKER.
" "	WILLIAM S. THAYER.
Assistant Visiting Physician	THOMAS B. FUTCHER.
" " "	LOUIS HAMMAN.
" " "	THOMAS R. BOGGS.
" " "	THOMAS R. BROWN.
Visiting Surgeon	JOHN M. T. FINNEY.
Assistant Visiting Surgeon	JOSEPH C. BLOODGOOD.
" " "	RICHARD H. FOLLIS.
" " "	WILLIAM S. BAER (Orthopedic Surgeon).
" " "	SAMUEL J. CROWE (Laryngologist).
" " "	JOHN STAIGE DAVIS.
Visiting Urologist	HUGH H. YOUNG.
Assistant Visiting Urologist	JOHN T. GERAGHTY.
Assistant in Urology	DAVID M. DAVIS.
" "	GEORGE PIERCE.

* Corrected to September 1, 1915.

Assistant in Urology	NORMAN M. KEITH.
" "	WILLIAM C. QUINBY.
" "	WILLIAM S. GORTON.
Assistant Visiting Gynecologist	WILLIAM W. RUSSELL.
" " "	THOMAS S. CULLEN.
" " "	GUY L. HUNNER.
" " "	EDWARD H. RICHARDSON.
Assistant Visiting Obstetrician	KARL M. WILSON.
" " "	EVERETT D. PLASS.
Visiting Neurologist	HENRY M. THOMAS.
Visiting Ophthalmologist	SAMUEL THEOBALD.
Asst. Visiting Ophthalmologist	ROBERT L. RANDOLPH.
Visiting Dermatologist	T. CASPAR GILCHRIST.
" "	J. WILLIAMS LORD.
Roentgenologist	FREDERICK H. BAETJER.
Asst. Roentgenologist	CHARLES A. WATERS.
" "	J. WILLIAM PIERSON.
University Appointees Working in Hospital Laboratories	CALVIN W. GODDARD (Heart Station).
" " "	ALMA HILLER (Chemical Laboratory).

Resident Physician	PAUL W. CLOUGH.
Assistant Resident Physician	D. SCLATER LEWIS.
" " "	ARTHUR L. BLOOMFIELD.
" " "	EVELETH W. BRIDGMAN.
" " "	DAVID C. STREETT.
" " "	ROBERT L. LEVY.
" " "	MILDRED CLARK.
" " "	JOHN T. KING, JR.
Resident Physician in Charge of Private Wards	CLYDE G. GUTHRIE.
Assistant Resident Physician	FREDERICK JANNEY SMITH.
" " "	ERNEST S. DU BRAY.
" " "	JOSEPH L. SHERRICK.
Resident Surgeon	ROY D. MCCLURE.
Assistant Resident Surgeon	WALTER E. DANDY.
" " "	MONT R. REID.
" " "	GEORGE R. DUNN.

Assistant Resident Surgeon..... JEROME P. WEBSTER.
" " " HARRY R. SLACK.
" " " H. PAGE MAUCK.
Resident Urologist..... WILLIAM A. FRONTZ.
Assistant Resident Urologist..... JONATHAN E. BURNS, JR.
" " " DON F. CAMERON.
" " " HOWARD L. CECIL.
Resident Gynecologist..... VEADER N. LEONARD.
Assistant Resident Gynecologist.. WALTER R. HOLMES.
" " " HENRY N. SHAW.
" " " HERBERT M. N. WYNNE.
Resident Obstetrician..... WILLIAM L. MILLEA.
Assistant Resident Obstetrician.. DANIEL DAVIS.
Resident Pediatrician..... KENNETH D. BLACKFAN.
Assistant Resident Pediatrician.. GROVER F. POWERS.
Resident Psychiatrist..... ROSCOE W. HALL.
Assistant Resident Psychiatrist.. CHARLES B. THOMPSON.
" " " AUGUSTA R. SCOTT.
Acting Resident Pathologist..... MONTROSE T. BURROWS.
Assistant Resident Pathologist... STANHOPE BAYNE-JONES.
" " " WILLIAM C. DUFFY.

Resident House Officers:

D. W. ATCHLEY.
W. C. BURKET,
J. J. CHISOLM,
S. W. CLAUSEN,
D. F. ELMENDORF,
R. E. FALLAS,
R. L. HADEN,
S. V. IRWIN,
V. R. MASON,
K. F. MAXCY,
J. G. MURRAY,
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T. M. RIVERS,
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V. P. W. SYDENSTRICKER,
W. B. TERHUNE, JR.,
D. V. TRUEBLOOD,
P. S. TUCKER,
L. R. WHARTON.

OUT-PATIENT DEPARTMENT

Physician-in-Chief ..... THEODORE C. JANEWAY.
Surgeon-in-Chief ..... WILLIAM S. HALSTED.
Gynecologist-in-Chief ..... HOWARD A. KELLY.
Obstetrician-in-Chief ..... J. WHITRIDGE WILLIAMS.
Psychiatrist-in-Chief ..... ADOLF MEYER.
Pediatrician-in-Chief ..... JOHN HOWLAND.

DEPARTMENT OF MEDICINE

A—*General Medicine:*

Physician in Charge	THOMAS B. FUTCHER.
" "	LOUIS V. HAMMAN.
Dispensary Physician	FRANK R. SMITH.
" "	LOUIS P. HAMBURGER.
" "	JOSEPH A. CHATARD.
" "	HENRY LEE SMITH.
" "	CHARLES W. LARNED.
" "	EUGENE J. LEOPOLD.
" "	SAMUEL WOLMAN.
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" "	J. HALL PLEASANTS.
" "	JOHN A. LUETSCHER.
" "	WALTER A. BAETJER.
" "	MARY A. HODGE.
" "	EVELETH W. BRIDGMAN.
" "	CAROLINE B. TOWLES.
Asst. Dispensary Physician	BERTHA C. TAPMAN.
" " "	WILLIAM K. SKILLING.
" " "	HENRY B. ATHEY.
" " "	HARRY GOLDBERG.
" " "	CALVIN W. GODDARD.
Dispensary Laboratory	MARJORIE D. BATCHELOR.

B—*Clinical Neurology:*

Neurologist in Charge	HENRY M. THOMAS.
Dispensary Neurologist	G. LANE TANEYHILL, JR.
" "	CHARLES M. BYRNES.
Asst. Dispensary Neurologist	ROBERT A. WARNER.
" " "	ANDREW C. GILLIS.
" " "	DANIEL D. V. STUART.

C—*Phipps Dispensary:*

Physician in Charge	CHARLES R. AUSTRIAN.
Dispensary Physician	MARTIN F. SLOAN.
" "	EDWARD V. COOLAHAN.
" "	ISADORE L. HIRSCHMAN.
Asst. Dispensary Physician	JOHN GIRDWOOD.
" " "	JOSEPH J. KEMLER.
" " "	HIRAM FRIED.
" " "	RAYMOND G. HUSSEY.

D—*Gastro-Intestinal Diseases:*

Physician in Charge.....THOMAS R. BROWN.
Asst. Dispensary Physician.....ERNEST H. GAITHER.
" " " ELMER B. FREEMAN.
" " " EDGAR P. SANDROCK.
" " " JOHN H. KING.
" " " RANDOLPH A. MICHELSON.

E—*Diseases of Metabolism:*

Physician in Charge.....HERMAN O. MOSENTHAL.
Dispensary Physician.....JOHN H. KING.
" " EUGENE J. LEOPOLD.

DEPARTMENT OF SURGERY

A—*General Surgery:*

Surgeon in Charge.....GEORGE WALKER.
Dispensary Surgeon.....RICHARD H. FOLLIS.
" " OMAR B. PANCOAST.
" " J. STAIGE DAVIS.
" " WILLIAM A. FISHER.
" " BERTRAM M. BERNHEIM.
Dispensary Surgeon.....HARVEY B. STONE.
" " HARRY L. HOMER.
Asst. Dispensary Surgeon.....RONALD T. ABERCROMBIE.
" " " ELLIOTT H. HUTCHINS.
" " " THOMAS R. CHAMBERS.

B—*Ophthalmology:*

Ophthalmologist in Charge.....SAMUEL THEOBALD.
" " " ROBERT L. RANDOLPH.
Dispensary Ophthalmologist.....LEO J. GOLDBACH.
" " HEDLEY V. TWEEDIE.
" " LLOYD B. WHITHAM.
" " EDWARD A. LOOPER.
" " RANDOLPH M. KAHN.

C—*Urology:*

Urologist in Charge.....JOHN T. GERAGHTY.
Dispensary Urologist.....FREDERICK W. HOBELMAN.

Asst. Dispensary Urologist.....WILLIAM A. FRONTZ.
" " " J. EDWARD BURNS.
" " " DON A. CAMERON.
" " " HOWARD L. CECIL.

D—*Laryngology, Rhinology and Otology:*

Laryngologist in Charge.....SAMUEL J. CROWE.
Asst. Dispensary Laryngologist...HOAGLAND C. DAVIS.
" " " FRANKLIN HAZLEHURST.
" " " HARRY R. SLACK.
" " " S. SHELTON WATKINS.

E—*Dermatology:*

Dermatologist in Charge.....T. CASPAR GILCHRIST.
" " " J. WILLIAMS LORD.
Dispensary Dermatologist.....EDGAR R. STROBEL.
" " ISAAC R. PELS.
Asst. Dispensary Dermatologist..J. EDWARD GATELY.
" " " LLOYD W. KETRON.
" " " JOHN SCOTT WILLOCK.
" " " HARRY M. ROBINSON.

F—*Orthopedic Surgery:*

Surgeon in Charge.....WILLIAM S. BAER.
Dispensary Surgeon.....HOWARD E. ASHBURY.
" " ROADES FAYERWEATHER.
" " GEORGE E. BENNETT.
Asst. Dispensary Surgeon.....CARL R. AHROON.
" " " N. M. CANTER.
" " " H. PAGE MAUCK.

DEPARTMENT OF GYNECOLOGY AND OBSTETRICS

A—*Gynecology:*

Gynecologist in Charge.....EDWARD H. RICHARDSON.
Dispensary Gynecologist.....VEADER N. LEONARD.
" " WALTER R. HOLMES.
Asst. Dispensary Gynecologist...DEWITT B. CASLER.
" " " LAWRENCE R. WHARTON.
" " " ROY E. FALLAS.

B—*Obstetrics:*

Obstetrician in Charge.....WILLIAM L. MILLEA.
Dispensary Obstetrician.....DANIEL DAVIS.
Asst. Dispensary Obstetrician....JOHN G. MURRAY, JR.
" " " PRESCOTT S. TUCKER.

DEPARTMENT OF PEDIATRICS

Pediatrician in Charge.....EDWARDS A. PARK.
Dispensary Physician.....J. H. MASON KNOX.
Asst. Dispensary Physician.....WILLIAMS McK. MARRIOTT.
" " " JAMES L. GAMBLE.
" " " WARREN R. SISSON.
" " " JAMES B. HOLMES.
" " " GROVER F. POWERS.
" " " SAMUEL W. CLAUSEN.
" " " KENNETH F. MAXEY.
" " " HARRY L. WHITTLE.

DEPARTMENT OF PSYCHIATRY

Psychiatrist in Charge.....C. MACFIE CAMPBELL.
Dispensary Psychiatrist.....WM. RUSH DUNTON, JR.
Asst. Dispensary Psychiatrist....GEORGE F. SARGENT.
" " " TRIGANT BURROW.
" " " DANIEL D. V. STUART.
" " " ROSCOE W. HALL.
" " " WILLIAM B. CORNELL.
" " " GEORGE B. WOLFF.
" " " WILLIAM A. BOYD.
" " " CHARLES B. THOMPSON.
" " " GEORGE H. PRESTON.
" " " LIPPMAN L. ROTHSCHILD.

City Hospitals at Bay View

(Controlled by the Board of Supervisors of City Charities)

THE CITY HOSPITAL
THE MUNICIPAL TUBERCULOSIS HOSPITAL
THE CITY DETENTION HOSPITAL FOR THE INSANE

LAMAR HOLLYDAY, *Superintendent*

Medical Board:

Physician-in-Chief ..... THOMAS R. BOGGS, M. D.
Surgeon-in-Chief ..... ARTHUR M. SHIPLEY, M. D.
Physician in Charge, Tuberculosis Hospital ..... GORDON WILSON, M. D.
Physician in Charge, Detention Hospital for Insane ..... HENRY E. AUSTIN, M. D.
Pathologist ..... MILTON C. WINTERNITZ, M. D.

Consulting Staff:

Alienists ..... HENRY J. BERKLEY, M. D.; ADOLF MEYER, M. D.
Neurologist ..... HENRY M. THOMAS, M. D.
Urologists ..... JOHN T. GERAGHTY, M. D.; GEORGE TIMBERLAKE, M. D.
Gynecologists ..... HUGH BRENT, M. D.; EDWARD H. RICHARDSON, M. D.
Laryngologist ..... FRANK D. SANGER, M. D.
Otologist ..... WILLIAM TARUN, M. D.
Dermatologist ..... EDGAR R. STROBEL, M. D.
Pediatricians ..... JOHN HOWLAND, M. D.; JOHN RUHRAH, M. D.
Ophthalmologist ..... JAMES J. MILLS, M. D.

Third-year students receive clinical instruction in medicine in the City and Tuberculosis Hospitals during the third trimester.

Fourth-year students receive clinical instruction in psychiatry in the Detention Hospital for the Insane.

Elective work will be offered during the entire year.

REQUIREMENTS FOR ADMISSION AND GRADUATION

GENERAL DESCRIPTION OF THE COURSE OF INSTRUCTION OFFERED TO CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

GENERAL STATEMENT

The Medical Department of the Johns Hopkins University was opened for the instruction of students October, 1893. It is an integral and coordinate part of the University, and is in the closest affiliation with the Johns Hopkins Hospital, the professors of the various clinical branches being the heads of the corresponding departments in the Hospital.

From the opening of the school, all instructors in the underlying scientific branches have devoted their entire time to their university duties. The establishment by the General Education Board in 1914 of the William H. Welch Fund for the Advancement of Clinical Teaching has made it possible to place the responsible instructors in Medicine, Surgery, and Pediatrics upon a similar basis, while others who are engaged in practice will be utilized as clinical teachers.

The course of instruction extends over four years, and is planned for the professional training of those who have received a liberal education, as indicated by a collegiate degree in arts or science from an acceptable institution, including an adequate training in physics, chemistry, and biology, and a reading knowledge of French and German. Men and women are admitted upon the same terms.

In order to afford requisite facilities, the number of students in each class is limited to ninety.

Throughout the course special emphasis is laid upon practical work in the laboratories and in the dispensary and wards of the Hospital. While the primary aim of the School is to train practitioners of medicine and surgery, it is recognized that the medical art should rest upon a suitable preliminary education and upon thorough training in the underlying medical sciences. The first two years are devoted mainly to practical work, combined with demonstrations,

recitations and lectures, in the laboratories of anatomy, physiology, physiological chemistry, pharmacology, pathology, and bacteriology. During the last two years the student is given abundant opportunity for the personal study of sick patients, and most of his time is spent in the hospital wards or dispensary, and in the clinical laboratories.

The instruction begins on the morning of the first Tuesday of October. Candidates for admission are required to be present on the preceding Friday (see the Calendar, page 7). The graduating exercises are held on the second Tuesday of June. There are short recesses at Christmas and Easter.

All inquiries should be addressed to the Dean of the Johns Hopkins Medical School.

REQUIREMENTS FOR ADMISSION

As candidates for the degree of Doctor of Medicine the School receives:

I. Those who have satisfactorily completed the Chemical-Biological course, which leads to the A. B. degree in this University (Group V., course preliminary to medicine).

II. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have an acquaintance with Latin and a reading knowledge of French and German; (*b*) That they have such knowledge of biology, chemistry and physics, as may be obtained by courses corresponding to those outlined below.*

* Biology.—In addition to the usual class work, the instruction must include a year's laboratory course of six hours or more a week upon the structure, functions and life-histories of selected types of animal and plant life. Courses in botany or zoology will be accepted provided the laboratory work has been adequate. It is desirable that the course should include laboratory instruction in embryology.

III. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and in addition, the knowledge of Latin, French, German, physics, chemistry, and biology above indicated.

(Thus far, no students have been accepted under this special provision.)

Application for Admission

Application for admission should be made to the Dean, who will furnish printed blanks, one page of which is to be filled out by the applicant and the other by an officer of the institution at which the collegiate degree was obtained. The former gives information concerning the general preliminary education of the applicant, and the latter authoritative data concerning the instruction received in the pre-medical sciences and the modern languages.

Applicants meeting all requirements will be accepted without examination, so long as vacancies exist in the class to which admission is desired. Under no conditions will applicants be accepted who are deficient in the underlying sciences, but in exceptional instances, those having only a deficiency in French or German may be admitted conditionally, on the

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Chemistry.—The minimum requirement is a one year course in inorganic chemistry, including five hours of laboratory work a week throughout the year, and an elementary course in organic chemistry, including at least 30 lectures and 90 to 100 hours of laboratory work.

Physics.—A collegiate course for at least one year is required. This must include four hours a week of class-room work and three hours a week of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

Latin.—The candidate should have studied Latin grammar and should possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

understanding that the condition must be absolved before the beginning of the second year.

As the size of each class is limited, it is attempted, in case a greater number apply, to choose ninety of the most promising applicants. The choice is made by taking into consideration the character of the college from which the applicant graduated, his standing in the pre-medical sciences and the languages, and the estimate made by one of his science teachers, in a personal letter to the Dean, as to his or her fitness to undertake the study of medicine.

Applications may be filed at any time, but, except in unusual circumstances, they will not be considered formally before July first. Notification of acceptance will be sent not later than July fifteenth.

Admission to Advanced Standing

Students from acceptable medical schools may be admitted to the second, third or fourth year classes if vacancies occur. Such applicants must furnish evidence (1) that they are eligible to the first year class without conditions of any kind; (2) that medical courses equivalent in kind and amount to those given in this school, in the year or years preceding that to which admission is desired, have been satisfactorily completed; and (3) they must be prepared to pass examinations at the beginning of the session in all subjects already pursued by the class to which admission is sought. The applicant must have studied as a matriculated medical student for a period of time at least equal to that already spent by the class which he seeks to enter.

As graduation from an approved college or scientific school is essential for admission to this school, applicants from universities conferring a degree upon the completion of a combined course, consisting of two years of collegiate and two years of medical work, are not eligible for admission to our third year class.

Instruction for Graduates in Medicine

Beginning the first of June each year, six weeks courses, especially adapted to meet the needs of practitioners of medicine, are given in medicine, surgery and various specialties, as well as in several of the underlying medical sciences. These courses are described on page 107.

During the school year, a limited number of graduate students may be admitted to work in the several departments, in so far as they do not occupy the places or interfere with the routine work of the undergraduate students.

In every instance the arrangement for such instruction and facilities must be made directly with the head of the department concerned, but work cannot be commenced until after registration at the Dean's office.

Persons who have already received the degree of Doctor of Medicine elsewhere, will not be admitted as candidates for that degree from this University. Should further instruction be desired, they may enter as graduate students.

Special Workers.—Special workers, not candidates for a degree, may be received at the discretion of the Faculty.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Medicine is conferred upon those who, after fulfilling all the requirements for admission, have completed satisfactorily a four years' course of study.

Students who have been admitted to advanced standing, as well as those of our own students who have been granted permission to pursue a part of their studies elsewhere, must spend at least the final year in the Medical School of this University.

The degrees are publicly conferred at the University Commencement on the second Tuesday of June, or on Commemoration Day, February the twenty-second.

EXAMINATIONS

At the end of the fifth trimester, the records of all students in the second year class are reviewed by the Committee on Instruction and Examinations for the first two years. Students who are reported as having failed in any two of the following subjects: Anatomy (including Histology), Physiology, Physiological Chemistry, Pharmacology, Pathology, (including Bacteriology), will be required to withdraw from the school. Those who fail in one subject will be allowed to take a second examination not later than the following October. Failure in this second examination necessitates withdrawal from the school.

No student will be permitted to enter upon the work of the fourth year until he has absolved the required third year work in Gynecology, Physical Diagnosis, Clinical Microscopy and Neurology.

Final examinations for graduation will be held in Medicine, Surgery, Obstetrics and the Major Electives. The examination in Obstetrics may be absolved at the end of the third or during the fourth year. No student will be permitted to continue in the school if he fails in any two of these subjects, or if he fails a second time in Medicine or Surgery.

Third year students who fail in either Medicine or Surgery and who stand low in other subjects will be required to stand a joint examination in Medicine and Surgery the following Fall before a committee consisting of the professors of both branches and one or more of the senior members of each staff. This examination will be oral and practical and, in case of failure, the student will be required to withdraw from the School.

The estimation of the standing of each student is based upon the general character of his work, as well as upon the

results of examinations. When the average standing falls below 75, the student will be notified at the end of the year.

Students not appearing for examination on the specified dates will be required to pay a fee of $5.00 for special examination.

First and Second Years

The practical examination in Microscopic Anatomy will be held at the end of the second trimester of the first year, and in Gross Anatomy after the student has completed the dissection of the human body. The final examination in Anatomy must be taken not later than the end of the second trimester of the second year.

Final examinations in the other subjects will be given as follows:

Bacteriology: at the end of the third trimester of the first year.

Physiological Chemistry: Group A, at the end of the third trimester of the first year; Group B, at the end of the first trimester of the second year.

Physiology: at the end of the first trimester of the second year.

Pathology: at the end of the second trimester of the second year.

Pharmacology: at the end of the second trimester of the second year.

Third and Fourth Years

At the end of the third year, final examinations are held in obligatory obstetrics, gynecology, nervous diseases, clinical microscopy and surgical pathology.

At the end of the fourth year final examinations are held in medicine and surgery. In the elective courses and special branches, the examinations are held upon the completion of the work.

GENERAL PLAN OF INSTRUCTION

Each year is divided into trimesters, the first extending from October to the Christmas recess, the second from January to March 15, and the third from March 15, to the end of the academic year.

The first two years of the course are devoted mainly to the fundamental medical sciences, the larger part of the time being spent in practical work in the laboratories. In the last two years the various clinical branches are studied in the wards of the Hospital, the dispensary, and in the clinical laboratories.

The principal studies of the first year are anatomy, histology, neurology, bacteriology, physiology, and physiological chemistry. The study of anatomy and of physiology is continued in the second year, together with general pathology, pathological anatomy and histology, pharmacology, and toxicology. During the last trimester of the second year instruction is begun in physical diagnosis and in certain surgical methods, as an introduction to the clinical work of the succeeding years.

The major portion of the work of the first two years is obligatory for all students, but the time is so arranged that certain elective courses may be selected; thereby making it possible either to give more time to the obligatory courses, or to do special work along related lines.

In these two years thirty units of work are required—the unit being a course or group of courses of instruction equivalent to five hours a week for one trimester. Consequently it is necessary for the students to take five units of obligatory and elective work during each trimester, in order to complete in two years the requirements for entrance upon the clinical studies. The system, however, permits him to spend an additional trimester or longer in the preparatory work, should it prove necessary or desirable.

As the third and fourth years are devoted to practical medicine, they can not be taken up until the student has obtained credit for the prescribed minimum of work in the underlying sciences.

The work of the third year is largely obligatory. The student attends the clinics and dispensary exercises in medicine and surgery, and completes the required work in obstetrics, gynecology, and nervous diseases.

For the morning work the class is divided into four groups. From 9 to 10 a. m. each group receives instruction in obstetrics, gynecology or surgery, and from ten o'clock to noon the time is devoted to practical work in the medical, surgical and nervous departments of the Dispensary. From 12 noon to 1 p. m. the entire class attends the amphitheatre clinics in medicine or surgery. The afternoons are devoted mainly to laboratory work in clinical microscopy and surgical pathology. Instruction is also given in practical therapeutics and pharmacy, thus completing the pharmacological work of the previous year. Moreover, short propadeutical courses are given to familiarize the student with the use of the ophthalmoscope and laryngoscope. On certain afternoons there are also offered a number of short elective courses of a practical character, and each student is required to select from them a sufficient amount of work to give him a credit of one and a half units.

The work of the fourth year is partly elective. For this purpose the class is divided into three groups, each working in rotation for one trimester in medicine, surgery, and in certain elective subjects.

Each student must complete 18 units of work during the year—the unit being a course or group of courses occupying six hours a week for one trimester. Twelve units are obligatory, and include six units in medicine (including pediatrics) three units in surgery, one unit in ophthalmology, one unit which may be selected from laryngology, dermatology, genitourinary surgery, orthopedics or neurology; while another unit

is based upon attendance upon a weekly amphitheatre clinic in medicine, and upon a group of lectures upon medical zoölogy, psychiatry, hygiene, medical jurisprudence and medical ethics.

The obligatory work in medicine, which includes a part of the required work in pediatrics, requires, at least, six hours of work a day for one trimester. The members of this group act as clinical clerks in the medical wards of the hospital, a certain number of beds being assigned to each student. They take the histories of the patients and make the necessary examinations and notes under the guidance and direction of the resident staff. They accompany the physician-in-chief or some member of the senior staff in the daily ward-rounds, and receive special bedside and laboratory instruction.

In the surgical trimester, the student gives three hours a day to attendance upon ward-rounds, operations, and to work in the surgical laboratories. The members of this group act as surgical dressers in the wards. They make the morning visits with the surgeon-in-chief or a member of the senior staff, and have daily opportunities to become familiar with the diagnosis, management and progress of surgical cases. They are also given an opportunity to take an elective course in operative surgery upon animals.

The elective work is arranged in major, minor and fractional courses. The former occupy 3 or 2½ hours a day throughout one trimester, according as the classes are in the morning or afternoon, and count as 3 or 2½ units respectively. In the minor courses, which count as one unit, one hour a day, or two hours every alternate day, throughout one trimester, are devoted to the subject; while several fractional courses may be combined to make one unit. Students choosing such courses must register at the Dean's office and will be expected to complete them satisfactorily and to submit to an examination at their close. In fractional courses, which count as less than one-half of a unit, examinations will not be held, and regular attendance, properly certified

by the instructor, will entitle the student to the allotted credit.

After having once been chosen, elective courses must be followed to the end of the trimester. These courses may continue the practical work in medicine, surgery, obstetrics, gynecology, etc., or may bear upon the various specialties, or may be taken in the laboratories of the underlying medical sciences.

To summarize, the time of each fourth-year student is apportioned as follows: trimester A, practical work in medicine during the entire day; trimester B, practical work in surgery during the morning, and in the afternoons short courses in ophthalmology, and in one of the special branches of medicine; trimester C, six units of elective work. In other words, each student after completing certain minimal requirements, chiefly in medicine and surgery, may extend his knowledge by taking a number of short clinical courses in various branches, or he may concentrate his attention upon the work of a few departments.

CLINICAL OPPORTUNITIES

Satisfactory clinical facilities for ninety students in each class are afforded by the Johns Hopkins Hospital and Dispensary, which occupies a site of fourteen acres immediately adjoining the grounds of the Medical School.

The Hospital is governed by its own Board of Trustees and has an endowment independent of that of the University and its Medical School, but the relations between the two institutions are most intimate; as the will of their Founder directed that the Hospital should be a part of the Medical School of the University. The superintendent of the Hospital and the heads of its main departments are members of the Medical Faculty; while the incumbents of the chief clinical chairs of the University are also members of the Medical Board of the Hospital. This interlocking arrangement has

resulted in the greatest possible utilization of the patients of the Hospital for the instruction of the third and fourth year students.

The Hospital is unusually well equipped and contains 600 beds, while its Dispensary is visited each day by more than 300 patients. In addition to the large administration building and the Marburg ward for private patients, the Hospital is made up of a group of buildings containing five large wards for white patients suffering from medical, surgical and gynecological diseases, a separate building for colored patients, an isolation and an obstetrical ward. Facilities for instruction in pediatrics, psychiatry and genito-urinary diseases are afforded by the Harriet Lane Home for Invalid Children, the Henry Phipps Psychiatric Clinic and the James Buchanan Brady Urological Institute. These three buildings are upon the Hospital grounds, and, while maintained by separate foundations, are conducted as integral parts of the Johns Hopkins Hospital.

In addition to the necessary buildings for the nurses' home, kitchen, laundry, etc., the following buildings also occupy the Hospital lot:—the Pathological and Clinical Laboratories, the general Dispensary, the Phipps' Dispensary for Tuberculosis, and the Surgical building. This latter contains not only the surgical operating rooms and amphitheatre, but also class rooms for instruction in Medicine, as well as the laboratory for surgical pathology and the laboratories of the medical clinic.

Through the courtesy of the Supervisors of City Charities of Baltimore, the Johns Hopkins University has the privilege of utilizing for clinical instruction the patients in the various departments of the City Hospitals at Bay View. During the first trimester practical instruction in mental diseases is given to the fourth-year class; during the third trimester the wards of the general and tubercular hospitals are utilized for the instruction of the third-year students in medicine, surgery and pathology; and throughout the year elective courses in medicine are available to fourth-year students.

GENERAL INFORMATION

REGISTRATION

Students will not be admitted to the undergraduate courses until they have registered at the Dean's office and paid their fees for the first trimester.

Graduate students, after receiving permission from the Heads of Departments to enter any course under their supervision, must register at the Dean's office before beginning work. Upon payment of the requisite fee, a card will be issued stating the courses which the holder is entitled to take. This card must be presented to the instructor in charge of each course, in order that its holder may be recognized and receive due credit for his work.

CHARGES FOR TUITION

The charge for tuition is two hundred and forty dollars per annum, payable in three installments, October, January and March 15. There are no extra charges, except for rental of microscope, laboratory breakage and certain expensive supplies. A deposit of ten dollars is required from each student at the time of enrollment. This caution money is repaid when the student leaves, if there are no charges against it.

The fees for graduate students and for physicians taking the summer courses will vary according to the character and number of the courses taken.

Bills may be paid at the Dean's office, or at the office of the Treasurer of the University, on North Howard Street.

MICROSCOPES

The character of the work throughout the entire course requires the constant use of the microscope. Every student is

recommended to purchase one, but those who do not care to do so may obtain one from the School upon the payment of a yearly rental of five dollars, with an additional charge of two dollars if an oil immersion lens is desired. Microscopes thus rented must be returned in good condition at the end of the year.

Dissecting microscopes may be rented at the rate of one dollar a year.

Microscopes are not provided in the graduate courses, but may be rented at the rates just stated. A deposit of $10.00 is required, which will be refunded if the microscope is returned uninjured.

SCHOLARSHIPS

Hopkins Scholarships

Six Hopkins Scholarships are open annually to students from Maryland, North Carolina and Virginia. These scholarships give free tuition for one year and are granted to deserving students who have shown marked aptitude in their work. Three are given to fourth-year students, two to third-year students and one to a second-year student. Applications should be addressed to the Dean of the Medical School not later than May first, in accordance with a prescribed form.

The Joseph Kernochan Garr Scholarship

Through the kindness of Mrs. Henry Lee Smith, of Baltimore, the Medical Faculty is enabled to offer a scholarship amounting to $100 a year to aid a deserving student. The scholarship is known as "The Joseph Kernochan Garr Scholarship." Applications should be addressed to the Dean on May first of each year.

HOSPITAL APPOINTMENTS

At the close of the academic year in June, sixteen or more unmarried members of the graduating class are recommended to the Trustees of the Johns Hopkins Hospital for appointment as Resident House Officers, to serve for one year from the following first of September.

The selection is made as follows: (1) Not later than December 15 of each year a notice is sent to the unmarried members of the graduating class giving the number of house officers to be appointed in each service for the following year, and requesting those desiring such posts to make application in writing to the Dean not later than January 1, stating what service is preferred. A second or third choice may be indicated if desired. The applications will be considered at a special meeting of the Faculty to be held prior to January 15.

(2) The applicants for each service will be selected according to their standing, based upon the work of the first three years, although the Faculty reserves the right to take into consideration the personal fitness of the applicants.

The individual standing of the students will not be posted, but they will be informed whether they stand in the first, second or last third of the class. Should the necessary number of house officers not be obtained from the first group, the remainder may be selected without regard to their standing.

One or more places on each staff may be awarded, if so desired by the head of the department, to graduates from other schools or to earlier graduates of the Johns Hopkins Medical School. After confirmation by the Trustees of the Johns Hopkins Hospital, such appointees assume their duties on September 1.

The appointments of the resident physician, surgeon, gynecologist and obstetrician, etc., of the Johns Hopkins Hospital are permanent. The various resident assistantships under these are annual appointments, subject to renewal.

MEDICAL SUPERVISION OVER STUDENTS

The University appoints and pays an official medical adviser to the students of the Medical Department. This officer has a definite hour for consultation, and, when requested, is expected to visit in their own homes such students who are too ill to come to him, and to obtain for them the services of specialists when necessary.

Dr. Paul W. Clough, the Resident Physician to the Hospital, holds this position for the current academic year.

In order to guard more carefully the health of the students, the Medical Faculty decided in 1909, that all entering students should undergo a medical examination. During the month of October each student is directed to report to one of a group of physicians selected for this purpose, when a careful physical examination is made and the results are recorded and placed on file. If unsatisfactory conditions are discovered the student is given appropriate advice.

A competent physician is also appointed to supervise the hygienic condition of all boarding houses which advertise through the office for the patronage of students. A list of such houses as satisfy his requirements is posted in the office of the Medical School.

LIBRARIES

The University Library contains 187,200 volumes, selected with especial reference to the instruction here given. It is arranged in several collections.

The works relating to medicine are placed in special libraries in the Hospital and in the Medical School, and are readily accessible to students and to the workers in the laboratories. The leading medical periodicals of the world are

regularly received and complete sets of the more important journals are on the shelves.

The library of the Medical and Chirurgical Faculty of Maryland, 1211 Cathedral Street, contains 31,750 volumes, and is conducted in affiliation with the library of the Medical School. Other libraries of Baltimore are the Peabody, the Enoch Pratt, and the New Mercantile, with 218,360, 323,000 and 90,190 volumes respectively. With the exception of the last-named, these libraries are open to students of the Medical School without charge.

Washington is so near that its libraries and museums may be easily utilized. Among the chief institutions of interest to students are: The Smithsonian Institution and National Museum, the Library of Congress, the Library of the Surgeon-General's office, and the Libraries of the various Departments and Bureaus.

MEDICAL SOCIETIES

The Hospital Medical Society, the Laennec Society and the Historical Club meet at the Hospital regularly throughout the academic year. These, as well as the regular meetings of the Baltimore City Medical Society, held in the Medical and Chirurgical Building, are open to students.

PUBLICATIONS

The Bulletin of the Johns Hopkins Hospital, issued monthly, contains articles by those connected with the Medical School and Hospital and the proceedings of the Hospital Societies. The Johns Hopkins Hospital Reports contain the larger monographs and results of researches in the Hospital and the laboratories of the Medical School.

DEPARTMENTS OF INSTRUCTION AND ANNOUNCEMENT OF COURSES

DEPARTMENTS OF INSTRUCTION

The following statements are designed to exhibit the opportunities and the character of the instruction and practical work in each department.

ANATOMY

Franklin P. Mall, M. D., Professor of Anatomy.
Warren H. Lewis, M. D., Professor of Physiological Anatomy.
Florence R. Sabin, M. D., Associate Professor of Anatomy.
Edmund V. Cowdry, Ph. D., Associate in Anatomy.
Lewis H. Weed, M. D., Associate in Anatomy.
Paul G. Shipley, M. D., Instructor in Anatomy.
Charles C. Macklin, M. B., Instructor in Anatomy.
Henry R. Muller, M. D., Assistant in Anatomy.
Robert S. Cunningham, M. D., Assistant in Anatomy.

Courses of instruction are provided in various anatomical sciences—embryology, histology, microscopic anatomy, neurology and gross human anatomy—and opportunities are afforded for advanced work and investigation in these sciences.

The required courses (I, II, III and IV) for candidates for the degree of Doctor of Medicine may be completed during the first year of the medical course.

Students who have completed the required courses in anatomy may elect any of the courses in this department.

Physicians and students not candidates for a medical degree may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

Required Courses

I. Systematic Course in the Anatomy of the Human Body. Professor Lewis, Dr. Weed, Dr. Muller, and Dr. Cunningham. Autumn trimester, daily, 9-12.

II. Systematic Course in the Anatomy of the Human Body. Continuation of Course I. Professor Lewis, Dr. Weed, Dr. Muller, and Dr. Cunningham. Winter trimester, daily, 9-12.

In courses I and II the student makes a complete dissection of all the structures, using atlases and text-books as guides. The work of each student is largely independent.

III. Histology (laboratory). Professor Mall, Professor Sabin, Dr. Cowdry, Dr. Shipley and Dr. Macklin. Monday, Wednesday and Friday, 2-5. Lectures, Professor Sabin and Dr. Cowdry, Thursday, 2-3. Autumn trimester.

IV. Histology and Organology (laboratory). Professors Mall and Sabin, Drs. Cowdry, Shipley and Macklin, Monday and Wednesday, 2-5. Lectures, Professor Sabin and Dr. Cowdry. Tuesday, 2-3. Winter trimester.

Elective Courses

V. Physiological Anatomy. Professor Lewis. Autumn and Winter trimesters. Tuesday, 12-1.

VI. Study-Room Course in Anatomy. Professor Lewis. Autumn and Winter trimesters, daily, 9-12.

VII. Topographical Anatomy. Dr. Muller. Winter trimester, daily, 9-12.

VIII. Anatomy of the Infant. Dr. Cunningham. Winter trimester, daily, 9-12.

IX. Blood. Dr. Shipley. Winter trimester, Friday, 2-5.

X. Cytology. Dr. Cowdry. Original investigation. Autumn, Winter and Spring trimesters.

XI. Special Histology. Dr. Shipley. Winter trimester, Thursday, 2-3.

XII. Advanced Human Embryology. Professor Mall. Autumn, Winter and Spring trimesters.

XIII. Practical Course in Physiological Anatomy. Professor Lewis, Dr. Weed and Dr. Muller. Winter trimester.

XIV. Development of the Osseous System. Dr. Macklin.

XV. Original Investigation. Autumn, Winter and Spring trimesters, daily.

Graduate Work

Gross Anatomy. Professor Lewis. Fall, Winter and Spring trimesters. Hours arranged with the instructor.

Dissection, study of prepared specimens and of frozen sections. Fee $25.00.

PHYSIOLOGY

William H. Howell, M. D., Professor of Physiology.
Donald R. Hooker, M. D., Associate Professor of Physiology.
Charles D. Snyder, Ph. D., Associate Professor of Physiology.
Cecil K. Drinker, M. D., Instructor in Physiology.

The course in physiology extends from January of the first year to January of the second year.

The work consists of a systematic course of lectures covering the subject of animal physiology, experimental work in the laboratory, demonstrations and recitations. Recitations are held upon the subject-matter covered by the lectures and laboratory work.

The course as arranged for 1915-1916 is as follows:

I. Physiology of Secretion, Digestion and Nutrition—1915. Dr. Howell, twice weekly from October to January. Second year class.

II. Laboratory Courses in Experimental Physiology. Drs. Howell, Hooker, Snyder, and Drinker. Two mornings and two afternoons weekly during the first and the third trimesters. Half of the class takes this course in the third trimester of the first year, and the other half during the first trimester of the second year. This laboratory course is arranged to occupy twelve hours a week for about twelve weeks.

III. Physiology of Muscle and Nerve, Central Nervous System, and Special Senses—1916. Dr. Howell and Dr. Snyder, three times weekly during the second trimester. First year class.

IV. Physiology of Blood, Circulation and Respiration—1916. Dr. Hooker. Lectures and Demonstrations. Twice weekly during the third trimester. First year class.

In addition to the foregoing exercises, students are given opportunities to participate in the more advanced courses, intended primarily as graduate work. These courses are as follows:

V. Journal Club. One hour weekly during the year. Those who participate in the work of this course are expected to report from time to time upon papers of physiological interest that may appear in current journals.

VI. Physiological Seminary. One hour weekly during the year. The object of the Seminary work is to study carefully, by means of lectures or readings, some special part of physiology, the topics chosen varying each year.

VII. Advanced Laboratory Course. This course is not limited as to time or amount of work except that assistance from the professor of physiology must be arranged for by definite engagements. The instruction is given individually and may involve undertaking a definite investigation.

For Graduate Students and Physicians

Physiology, *Elementary.* (Limited to four). Laboratory course in experimental physiology during either the first or third trimester.

The work will consist in exercises in the various graphic methods used in physiology to study the properties of muscle and nerve and the circulatory and the respiratory organs. Fee $25.00. Apply to Professor W. H. Howell.

Physiology, *Advanced.* (Limited to two). January to June 1. Professor W. H. Howell.

Individual instruction will be given in the methods used in physiological demonstrations and research. Especial attention will be paid to the methods employed in the study of the circulation. Fee $50.00.

PHYSIOLOGICAL CHEMISTRY

WALTER JONES, Ph. D., Professor of Physiological Chemistry.
D. WRIGHT WILSON, Ph. D., Assistant in Physiological Chemistry.

Instruction in this branch is given by laboratory work, lectures, demonstrations, and conferences of a less formal character. The work in the laboratory is conducted in two sections which meet in the third trimester of the first year, and in the first trimester of the second year respectively. The exercises are conducted on Tuesdays and Thursdays, from 10 to 1 in the morning, and from 2 to 5 in the afternoon.

I. LABORATORY WORK. Professor Jones and Dr. Wilson.

(*a*) A short preliminary course on the chemistry of various substances, such as proteins, which are usually not familiar to the student of pure chemistry but which should be understood in order that he may intelligently execute the work that follows.

(*b*) A course of qualitative analysis in which some examination is made of nearly every tissue and fluid of the body. Blood, liver, milk (colostrum), muscle, gastric juice, adipose tissue, bone and bile receive special attention, and whenever material is available a study is made of pathological fluids and concretions. The order adopted in the consideration of the chemical topography of the body is such as to emphasize as far as possible, the chemical processes which are going on in the body.

(*c*) A study of those physiological chemical processes that can be closely imitated outside the body, as the action of enzymes, salivary, pancreatic, and gastric digestion.

(*d*) Class experiments. Demonstrations by the instructor in which the entire class usually takes part.

(*e*) Quantitative analysis. Determination of normal and pathological constituents of urine; analysis of milk, gastric juice, stomach-washing, air, water, and foods. An attempt is made here to familiarize the student with the chemical technique required for metabolism experiments.

(*f*) Examination of the fæces with special references to putrefactive processes.

II. Conferences. Dr. Wilson. Informal conferences are held at which the laboratory work is discussed and the progress and needs of the students are considered. Here also the recent literature that bears directly on the work is reviewed.

III. Lectures. Professor Jones. A brief survey of the entire province of physiological chemistry. Emphasis is given to that part of the subject which for obvious reasons must be omitted from a laboratory course.

Graduate Work

Physiological Chemistry, *Elementary.* March 15 to June 1, every afternoon. Professor Jones.

A limited number of physicians or others who have had the requisite preliminary training in chemistry will be received for the laboratory course and lectures given to the medical students. Fee $25.00.

Physiological Chemistry, *Advanced.* Professor Jones.

Those who have the necessary preliminary training and who desire to do work of a special character will be received at any time during the academic year. Fee $50.00, for the year.

PHARMACOLOGY, EXPERIMENTAL THERAPEUTICS, TOXICOLOGY AND PHARMACY

John J. Abel, M. D., Professor of Pharmacology.
Eli K. Marshall, Jr., Ph. D., Associate in Pharmacology.
Paul D. Lamson, M. D., Associate in Experimental Therapeutics.
Alice Rohde, M. D., Assistant in Pharmacology.
David I. Macht, M. D., Lecture Assistant.
Charles Caspari, Jr., Lecturer in Pharmacy.
Hans Lieb, Lecturer on Special Analytical Methods.
Charles A. Rouiller, Ph. D., Research Assistant.

I. Pharmacology. An elective course in this subject occupying one afternoon a week is offered in the second trimester of the second year. The physiological action of a selected list of drugs and poisons is made the subject of this course and the afternoon's work, performed by the student under the immediate supervision of the instructor, is preceded by brief statements of the significance and bearing of the experiment in hand. The aim of this course is to give a clear idea of the general principles and of the more important phenomena involved in the study of pharmacology.

A course of lectures with demonstrations and recitations covering the subject of pharmacology is given during the first and second trimesters. In the first trimester the course is given from 10 to 11 a. m., two days of the week, and in the second trimester from 12 to 1, three days of the week. It is the purpose of this course to treat the subject in a manner adapted to the needs of the medical student. As this course requires much outside reading it will be estimated at one and two-fifth units.

In the third trimester a course of lectures and demonstrations is given once a week on prescription writing and the dosage of the more important pharmacopœial preparations.

Experimental therapeutics is carried on as part of the research work of the department.

II. Toxicology. An elective laboratory course in this subject is offered in the second trimester. This course oc-

cupies one afternoon a week during the trimester and deals with the subjects both from the chemical and medical points of view.

III. Pharmacy. Pharmacy is treated by Professor Charles Caspari, Jr., in a course of demonstrations and lectures, once weekly for three months. Weights and measures, incompatibles, special points relating to prescriptions and the official pharmacopœial preparations are fully dealt with. The more important preparations are made before the class.

IV. Practical Course in Pharmacy. An elective course designed especially for students of the second year, is given by Professor Caspari and his assistant, on Mondays at 4 p. m. during the third trimester. All typical pharmacopœial preparations are made and typical prescriptions are compounded by each student. One-half unit.

Graduate Work

Pharmacology and Experimental Therapeutics, *Advanced.* Professor J. J. Abel and members of the staff.

Those who have had the necessary preliminary training and who desire to do work of a special character may be received at any time during the academic year.

PATHOLOGY, BACTERIOLOGY AND HYGIENE

William H. Welch, M. D., Professor of Pathology.
William W. Ford, M. D., Associate Professor of Hygiene and Bacteriology.
Milton C. Winternitz, M. D., Associate Professor of Pathology.
Montrose T. Burrows, M. D., Associate in Pathology.
Harry C. Schmeisser, M. D., Instructor in Pathology.
Charles A. Laubach, Instructor in Hygiene and Bacteriology.
Samuel Goldschmidt, M. D., Instructor in Pathology.
Admont H. Clark, M. D., Assistant in Pathology.
William C. Duffy, Assistant in Pathology.
Stanhope-Bayne Jones, M. D., Rockefeller Fellow.
Arthur B. Dayton, M. D., Fellow.

General pathology, special pathological anatomy and histology, and bacteriology are taught by laboratory work, demonstrations, recitations and lectures. The courses in pathology come in the first and second trimesters of the second year; those in bacteriology in the third trimester of the first year.

I. The Conduct of Autopsies. Dr. Winternitz and Staff. The autopsies are made in the Pathological building and are witnessed by the students of the second, third and fourth years. Students are permitted to assist at post-mortem examinations and are instructed in the methods of making such examinations and of recording the results in proper protocols.

II. Demonstrations in Gross Morbid Anatomy. Dr. Winternitz and Staff, 12-1, twice a week in two divisions during the 1st and 3rd trimester, and three times a week in three divisions during the 2nd trimester. The gross morbid specimens, collected during the week, are demonstrated to students of the second year. In addition, fresh and museum specimens are exhibited in the course in pathological histology to illustrate the macroscopical appearances of the morbid conditions studied by the microscope.

III. Bacteriology. Professor Welch, Professor Ford, third trimester (March 15 to June 1), Monday, Wednesday and Friday mornings, first year class. This is a practical laboratory course in which the students become familiar with the preparation of culture media, the principles of sterilization and disinfection, the methods of cultivating, staining, and studying bacteria, the biological examination of air, water, and soil, and the important species of pathogenic micro-organisms. The hygienic as well as the pathological relations of bacteriology are considered.

IV. Lectures on Infection and Immunity. Professor Welch, Wednesdays, and Fridays, 4 to 5, third trimester, first year class. During the course in bacteriology lectures are given devoted mainly to the consideration of subjects pertaining to infection and immunity.

V. General Pathology, Pathological Anatomy and Pathological Histology. Professor Welch, Professor Winternitz and staff. Monday, Wednesday and Friday afternoons, 2 to 5, during the first and second trimesters, second year class. The subjects are covered, as far as practicable, by demonstrations, lectures and laboratory work. Pathological histology is taught as a part of pathological anatomy, the description and demonstration of gross lesions being followed by their microscopical examination.

VI. Recitations. Professor Welch, Mondays at 12, throughout the year. Weekly recitations cover the work done by the students of the first and of the second years in their laboratory exercises, in bacteriology and in pathology, as well as subjects treated in lectures and those reserved more especially for text-book study.

VII. Clinical and Pathological Conference. Wednesday at 12 m. throughout the year. (See Department of Medicine, page 82.)

VIII. Advanced Work and Special Research. Opportunity is afforded to those suitably trained to pursue advanced work and special research in pathological anatomy and histology, experimental pathology, and bacteriology. For these purposes the pathological laboratory is equipped with the necessary apparatus and material.

Experimental Pathology

The division of experimental pathology has been established, on the basis of courses already given, for the purpose of giving instruction concerning the abnormal activities of organs which result from pathological lesions.

This work is largely experimental and obviously closely allied to experimental medicine and physiology. The course will consist of informal lectures, experiments, operations and demonstrations given during the second trimester on Thursdays, 9-12 a. m.

The main object of the course is to give students elementary training in the *methods of research*: not to give a fixed series of demonstrations dealing with any one organ or system. The exercises will be concerned chiefly with the problems which are interesting the workers at the Hunterian Laboratory so that the entire group may be familiar with all the problems under investigation. For this reason it is desired that the students taking this course may proceed with independent investigation of problems which are closely related to the work already in progress. Facilities for this work will be available during the entire year. Room is available for a limited number of advanced workers who may desire to investigate problems in experimental pathology.

Hygiene

The instruction consists of:

1. Didactic lectures given to the students of the third year during the third trimester. These lectures are designed to cover the principal facts in the epidemiology of the infectious diseases, and the measures which may be adopted to prevent their spread.

The water-borne diseases, such as Asiatic cholera and typhoid fever, the insect-borne diseases, such as malaria, yellow fever, and typhus fever, the social diseases, such as tuberculosis and syphilis, and the exanthemata of childhood are considered in detail.

Special lectures are also devoted to vital statistics, climate, soil, ventilation, sewerage, disposal, water supplies, sand filtration, and milk control.

2. Practical Hygiene.

A laboratory course in the chemical and bacteriological analysis of water, milk, sewage, and disinfectants with instruction in the use of instruments of precision is given during the first or second trimester to any students who have completed their work in bacteriology. Weekly inspections

are made of Public Health Institutions in Baltimore and Washington—such as the Baltimore Sewage Disposal Plant; The Washington Filtration Plant; The Walker-Gordon Dairy Farm; the Hygienic Laboratory of the Public Health and Marine Hospital Service; and the Laboratories of the Maryland and Baltimore Departments of Health.

3. A course in the principles of immunity is given in the second trimester to a limited number of students. The methods of testing haemolysins, agglutins, bacterolysins, opsonins, precipitins and toxins will be demonstrated and the students will receive special instruction in the immunization and care of animals. The practical work will be accompanied by lectures devoted to the various theories of immunity.

4. Special Investigation. A limited number of students are taken into the laboratory for advanced work in Hygiene and Bacteriology. They are given special problems to work out independently or in connection with the instructors in the department. Special facilities will be afforded medical graduates who desire to train themselves in Public Health work.

Graduate Work

Pathology. A limited number of physicians will be received during the year in the courses in bacteriology and pathology. Fee for the year $50.00, for half year $25.00. Apply to Professor Welch.

Hygiene. A limited number of graduates are admitted to the laboratory course in Hygiene. Fee $50.00. Apply to Professor Ford.

MEDICINE

(Including Work in the Clinical Laboratories)

Theodore C. Janeway, M. D., Professor of Medicine.
Herman O. Mosenthal, M. D., Associate Professor of Medicine.
Leonard G. Rowntree, M. D., Associate Professor of Medicine.
Paul W. Clough, M. D., Associate in Medicine.
Clyde G. Guthrie, M. D., Associate in Medicine.
D. Sclater Lewis, M. D., Instructor in Medicine.
Thomas P. Sprunt, M. D., Instructor in Medicine.
Arthur L. Bloomfield, M. D., Instructor in Medicine.
Eveleth W. Bridgman, M. D., Instructor in Medicine.
Robert L. Levy, M. D., Assistant in Medicine.
David C. Streett, M. D., Assistant in Medicine.
Norman M. Keith, M. D., Assistant in Medicine.
F. Janney Smith, M. D., Assistant in Medicine.
Mildred Clark, M. D., Assistant in Medicine.
Calvin H. Goddard, M. D., Assistant in Medicine.
Marjorie D. Batchelor, M. D., Assistant in Medicine.
Alma Hiller, B. A., Assistant in Medicine.

Lewellys F. Barker, M. D., Professor of Clinical Medicine.
William S. Thayer, M. D., Professor of Clinical Medicine.
Thomas B. Futcher, M. D., Associate Professor of Clinical Medicine.
Thomas R. Boggs, M. D., Associate Professor of Clinical Medicine.
Louis Hamman, M. D., Associate Professor of Clinical Medicine.
Frank R. Smith, M. D., Associate in Clinical Medicine.
Thomas R. Brown, M. D., Associate in Clinical Medicine.
John A. Luetscher, M. D., Associate in Clinical Medicine.
Louis P. Hamburger, M. D., Associate in Clinical Medicine.
Charles R. Austrian, M. D., Associate in Clinical Medicine.
Walter A. Baetjer, M. D., Associate in Clinical Medicine.
J. Hall Pleasants, M. D., Instructor in Clinical Medicine.
J. Albert Chatard, M. D., Instructor in Clinical Medicine.
Samuel Wolman, M. D., Instructor in Clinical Medicine.
Henry L. Smith, M. D., Instructor in Clinical Medicine.
Charles W. Larned, M. D., Instructor in Clinical Medicine.
John H. King, M. D., Instructor in Clinical Medicine.
David I. Macht, M. D., Instructor in Clinical Medicine.
Robert W. B. Mayo, M. D., Instructor in Clinical Medicine.
Sydney R. Miller, M. D., Instructor in Clinical Medicine.
Albert Keidel, M. D., Instructor in Clinical Medicine.

Martin F. Sloan, M. D., Instructor in Clinical Medicine.
Eugene J. Leopold, M. D., Assistant in Clinical Medicine.
Caroline B. Towles, M. D., Assistant in Clinical Medicine.
Mary A. Hodge, M. D., Assistant in Clinical Medicine.

The teaching is in the dispensary, in the clinical laboratories, in the wards, and in the clinical amphitheatre. Emphasis is laid on practical instruction, by which the student is brought directly in contact with the patients and taught from the outset how to recognize and treat disease as it occurs in nature, not in books.

A. *Primarily for Students of the Third Trimester of the Second Year.*

1. Introduction to Clinical Medicine. Two clinics and one conference a week are held by Professor Janeway at which cases illustrating important groups of diseases or showing striking symptoms are presented and discussed from the standpoint of the student's knowledge of physiology and general pathology.

2. Physical Diagnosis.

a. *Practical Instruction.* In small groups once a week from 10 to 12. Dr. Bridgman, with the assistance of Drs. Hamburger, Wolman, Chatard, Pleasants, S. R. Miller, Guthrie, Streett, Levy and Mayo.

b. *Demonstrations.* Two hours weekly. Dr. Bridgman.

c. *Recitation.* One hour weekly. Dr. Bridgman.

3. Introductory Lecture Courses.

a. *Applications of Chemistry to Internal Medicine.* Associate Professor Mosenthal. Five lectures.

b. *Applications of Biology to Internal Medicine.* Dr. Clough. Five lectures.

B. *Primarily for Students of the Third Year.*

4. Physical Diagnosis. During the first half-year.

a. *Practical Instruction.* In small groups, two hours four

times a week for one-eighth of the year. Dr. Bridgman, with the assistance of Drs. Hamburger, Wolman, Chatard, Pleasants, S. R. Miller, Guthrie, Streett, Levy, and Mayo.

b. *Recitation.* One hour weekly. Dr. Bridgman.

5. Practical Clinical Instruction. In sections, Mondays, Wednesdays, Thursdays, and Saturdays, from 10 to 12. Each quarter of the class is assigned to the medical dispensary two days a week for one quarter of the year. Each patient coming to the dispensary is assigned to a student, who takes the history, makes the physical examination, and reports to one of the instructors, who reviews his work.

6. Clinical Instruction at Bay View. During the second half-year each quarter of the class spends one morning a week at the City Hospital, Bay View, under the direction of Associate Professor Boggs, assisted by Dr. Sprunt.

7. Laboratory Diagnosis.

Drs. W. A. Baetjer and S. R. Miller, assisted by Drs. Streett and M. D. Batchelor, conduct, during the first and second trimesters, a course in microscopical and chemical diagnosis. For this work, three lectures and two afternoons a week in the laboratory are required. The course is a systematic one in which the students are trained in the clinical methods of examining sputum, gastric contents, urine, fæces, and blood, utilizing the materials obtained from the wards for the practical work.

Under the subjects of blood and fæces particularly, attention is given to the diagnosis of the various parasitic infections, important clinically, with a consideration of the parasites and carriers concerned, as an introduction to Tropical Medicine.

Considerable practical work is required outside of the regular class hours.

Two of the large rooms of the clinical laboratory are devoted exclusively to the third year students. Each student has his own place in the laboratory, with locker, microscope, reagents, etc.

8. Advanced Work in Laboratory Diagnosis. Drs. W. A. Baetjer, S. R. Miller, and Streett.

An elective course in the first half of the third trimester, requiring two afternoons weekly. The subjects taken up in this course include some of the more advanced methods of clinical examination, such as the practical study of renal function, Widal and Wasserman tests, examination of the serous fluids, group tests for blood transfusion, etc.

9. Clinical Medicine.

a. *Clinical Lectures and Conferences.* The important groups of diseases will be presented and discussed in two clinical lectures and one conference a week during the first half-year, and one clinical lecture and one conference a week during the second half-year, by Professor Thayer, Associate Professors Mosenthal and Futcher, and Drs. T. R. Brown, Clough and Austrian.

b. *Dispensary Clinics.* Associate Professor Hamman on Thursday at 12 throughout the year, and Associate Professor Futcher on Monday at 12 for the second half-year, will hold a clinic at the close of the practical instruction in the dispensary.

c. *The Saturday Clinic.* On Saturdays at noon the third year students meet with those of the fourth year for a general clinic in the medical amphitheatre of the hospital. Professor Janeway, first and second trimesters; Professor Barker, third trimester.

10. Therapeutics. Associate Professor Rowntree, assisted by Dr. Levy.

a. *Demonstrations* once a week throughout the year. Practical demonstrations of the various therapeutic procedures, such as bleeding, aspiration, and paracentesis, the simpler hydrotherapeutic procedures, etc. The general care of patients in the treatment of special diseases is considered; dietetic treatment and the preparation of the simpler foods are described. The various groups of drugs are studied from the standpoint of their indications and the methods of their

use in the treatment of disease, and the students observe their effects as employed in the regular treatment of the patients in the medical wards of the hospital.

b. *Recitation* once a week for the second half-year.

11. Syphilis. Clinical lecture, Tuesday from 4.30 to 5.30, during the first trimester.

12. Elective Courses.

a. *Medical Dispensary.* Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, during February and March. Associate Professors Futcher and Hamman.

b. *Tuberculosis.* In the Phipps Dispensary, Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, for the second half-year, limited to six students. Dr. Austrian.

c. *Diseases of the Stomach and Intestines.* Mondays and Wednesdays, from 10 to 12, during the second half-year. Dr. T. R. Brown.

d. *The Cardiac Arhythmias.* Lecture, Fridays at 4.30, during the second and third trimesters. Dr. Bridgman.

e. *Summer Work in the Dispensary.* After the completion of the second and third years the students have an opportunity to assist in the dispensary during the summer months. Associate Professor Futcher.

f. *Advanced Work and Research.* (See page 86.)

C. *Primarily for Students of the Fourth Year.*

The students are divided into three equal groups, each group serving for one trimester, successively, in the medical, surgical, and elective divisions of the hospital.

13. Ward Work. The members of each medical group serve for a trimester as clinical clerks in the medical wards of the hospital, to which they have access from 8 a. m. to 5 p. m. A number of beds are assigned to each student, who makes the necessary examinations under the guidance and direction of the medical staff.

A large room of the clinical laboratory is devoted exclu-

sively to the fourth year class. Here each student has a place with a microscope, reagents, etc., throughout the session, and can engage in any special work.

In addition to the ordinary routine work, each student is encouraged to make studies with some especial method and to make a report of his experiences with it.

14. Ward Classes. Every morning, at 9, a ward visit is made by the Professor, one of the Associate Professors or Clinical Professors, or the Resident Physician.

15. The Saturday Clinic. At 12 o'clock on Saturday, the fourth year students attend a general medical clinic in the amphitheatre. The clinical clerks read the histories of the new cases brought before the class, and report on the progress of cases previously shown. Professor Janeway, first and second trimesters; Professor Barker, third trimester.

16. Advanced Medical Clinic. At 12 o'clock on Tuesday during the first and second trimesters, Professor Barker will give clinical lectures in the amphitheatre on selected topics.

17. Clinical and Pathological Conference. At 12 o'clock on Wednesday, a clinical and pathological conference is held throughout the academic year in the pathological laboratory. Professor Janeway, first and second trimesters; Professor Thayer, third trimester; with Associate Professor Winternitz.

18. Disorders of Metabolism. Elective course. Associate Professor Mosenthal. A few properly qualified students will be accepted for practical work in the dispensary, Tuesdays from 10 to 12, and to undertake special investigations in the chemical laboratory.

19. Nature of Infection and Immunity. Elective course. Physicians and students of third and fourth years. Lectures and demonstrations, two hours per week for one trimester. Dr. Bloomfield.

20. Special Methods of Investigation of Infectious Diseases. Elective course. (Physicians and students of the

third and fourth years.) Laboratory exercises. Two afternoons per week, one trimester. Drs. Bloomfield and Clark.

21. Medical Bacteriology. Elective course. Drs. Bloomfield and Clark. Lecture and demonstration once a week during the first trimester. Practical work open to members of the medical section who have taken the lecture course, each trimester. At suitable times opportunity will be afforded to small groups to familiarize themselves with the technique of the various diagnostic procedures carried on in the bacteriological laboratory.

22. Advanced Course in the Phipps Dispensary for Tuberculosis. Elective course. Dr. Austrian. Second trimester. Limited to four students.

a. Clinical portion, Tuesdays and Fridays, 10 to 12 m.

b. Laboratory portion, two mornings a week from 10 to 12.

23. Extramural Course in the Study of Tuberculosis. At the City Hospital, Bay View. Elective course. Dr. Wilson. Limited to eight students.

24. Diseases of the Stomach and Intestines. Elective course. Fridays from 12 to 1, during the third trimester. Dr. Brown.

25. Diagnosis and Treatment of Some Minor Ailments. Elective course. Tuesdays, 12 to 1, third trimester. Dr. Hamburger.

26. The Cardiac Arhythmias. Elective course. Lecture Fridays at 4.30, second and third trimesters. Dr. Bridgman.

27. Syphilis. Elective course.

a. *Clinic.* Thursdays from 12 to 1, during the year. Dr. Keidel.

b. *Practical Work* in the syphilis department of the dispensary, Tuesdays, Thursdays and Saturdays, from 2 to 3.30. Dr. Keidel.

28. Medical Urology. Local conditions in the Genito-Urinary tract which may give rise to general constitutional

effects. Relation of diseases of the central nervous system to vesical disturbances. Nephritis in relation to the functional methods of diagnosis. Medical care of urological patients requiring surgical treatment. One hour a week in first trimester. Elective. Fourth year. Dr. Keith.

29. Advanced Work and Research. Students of the third and fourth years may, if fitted for it and with the permission of Professor Janeway, undertake advanced work and research in internal medicine (see below).

Graduate Work

30. Medicine, Elementary. A limited number of physicians may be admitted to the regular exercises of the third or fourth year classes, including ward classes, clinics, and the work in the clinical laboratory, but cannot be received as clinical clerks in Course 13. Fee $100.00 for the entire year; $50.00 for half a year. Applications should be made to Professor Janeway.

Beginning June first, various courses are offered to graduates in medicine, as designated on page 107.

31. Medicine, Advanced Work and Research. Physicians properly trained in fundamental methods who are desirous of pursuing some definite lines of investigation may be admitted to the clinic as voluntary assistants. The facilities available for this purpose comprise the medical wards of the hospital, the medical dispensary service, and the following laboratories of the clinic: the general clinical laboratory, the chemical laboratory, the biological and bacteriological laboratories, the heart station, the laboratory of the Phipps Dispensary for Tuberculosis, and the Hunterian Laboratory of Experimental Medicine.

DISEASES OF THE NERVOUS SYSTEM

Henry M. Thomas, M. D., Clinical Professor of Neurology.
G. Lane Taneyhill, Jr., M. D., Instructor in Clinical Neurology.
Charles M. Byrnes, M. D., Instructor in Clinical Neurology.

The following required courses are given:

For students of the third trimester of the Second Year.

I. Introduction to Neurology, Friday, 3 to 4 p. m.

For students of the third year.

II. Practical work. The class is divided into four sections and each section works in the Neurological dispensary from 10 a. m. to 12 m., twice a week for one quarter of the year, and once a week during the second half-year.

III. Recitation or clinic. Tuesday, 11 a. m. to 12 m.

IV. Recitation or clinic. Friday, 12 to 1 p. m., after April 1.

The following elective courses are offered during the fourth year:

I. Nervous dispensary. Daily, 10 to 11 a. m., repeated each trimester.

II. Nervous diseases, Tuesday and Thursday, 12 m. to 1 p. m., repeated each trimester.

SURGERY

William S. Halsted, M. D., Professor of Surgery.
George J. Heuer, M. D., Associate in Surgery.
Emil Goetsch, M. D., Associate in Surgery.
Roy D. McClure, M. D., Instructor in Surgery.
Mont R. Reid, M. D., Instructor in Surgery.
Walter E. Dandy, M. D., Instructor in Surgery.
Charles A. Waters, M. D., Instructor in Actinography.
Roger P. Batchelor, M. D., Assistant in Surgery.

John M. T. Finney, M. D., Professor of Clinical Surgery.
Joseph C. Bloodgood, M. D., Associate Professor of Clinical Surgery.
George Walker, M. D., Associate in Clinical Surgery.

Richard H. Follis, M. D., Associate in Clinical Surgery.
Frederick H. Baetjer, M. D., Associate in Actinography.
N. E. B. Iglehart, M. D., Instructor in Clinical Surgery.
Omar B. Pancoast, M. D., Instructor in Clinical Surgery.
William A. Fisher, M. D., Instructor in Clinical Surgery.
J. Staige Davis, M. D., Instructor in Clinical Surgery.
Bertram M. Bernheim, M. D., Instructor in Clinical Surgery.
Harvey B. Stone, M. D., Instructor in Clinical Surgery.

Urology

Hugh H. Young, M. D., Clinical Professor of Urology.
John T. Geraghty, M. D., Associate Professor of Clinical Urology.
George Peirce, M. D., Instructor in Urology.
David M. Davis, M. D.. Instructor in Urology.
William A. Frontz, M. D., Assistant in Urology.
Frederick W. Hobelman, M. D., Assistant in Clinical Urology.

Orthopedic Surgery

William S. Baer, M. D., Associate Professor of Clinical Orthopedic Surgery.
H. Page Mauck, M. D., Assistant in Orthopedic Surgery.
Roades Fayerweather, M. D., Instructor in Clinical Orthopedic Surgery.
George E. Bennett, M. D., Instructor in Clinical Orthopedic Surgery.
Howard E. Ashbury, M. D., Assistant in Clinical Orthopedic Surgery.

Laryngology

Samuel J. Crowe, M. D., Associate in Clinical Laryngology.
Henry R. Slack, M. D., Instructor in Laryngology.
Alma S. Rothholz, M. D., Assistant in Laryngology.
Franklin Hazlehurst, M. D., Assistant in Clinical Laryngology.
S. Shelton Watkins, M. D., Assistant in Clinical Laryngology.
Lewie M. Griffith, M. D., Assistant in Clinical Laryngology.

The teaching is in the dispensary, in the wards and operating rooms of the Hospital, in the clinical laboratory and in the Hunterian Laboratory of Experimental Medicine.

A required introductory course is given in the third trimester of the second year consisting of clinics and recita-

tions and practical work in bandaging, by Drs. Finney, Heuer, Walker and Davis.

The principal subjects of the THIRD YEAR are the general principles of surgery, surgical diagnosis, surgical pathology and operative surgery in the laboratory.

I. CLINICS. A weekly clinic is given by Professor Halsted for students in the third and fourth years.

Two clinics weekly are given by Professor Finney for the third year class.

II. MINOR SURGERY. Dr. Walker, with the assistance of Drs. Follis, Pancoast, Davis, Fisher, Stone, and Bernheim. Four times weekly for first half-year, and twice weekly for second half-year, in sections, in the dispensary.

III. SURGICAL DIAGNOSIS AND PATHOLOGY. Professor Bloodgood, Wednesday, 2-4.30, entire year, whole class. Friday, elective course, 2-4.30 p. m. (See special announcement.)

IV. OPERATIVE SURGERY. Elective, once weekly from October to May. A four-hour exercise is given to successive sections in the Hunterian laboratory.

V. RECITATIONS. Twice weekly, upon assigned subjects, are held by Drs. Finney, Follis, Walker, Heuer, Goetsch, Davis, Stone, Fisher, Pancoast and Bernheim.

The work of the FOURTH YEAR consists of:

I. WARD WORK. The members of each of the three groups into which the class of the fourth year is divided, serve for a trimester in the surgical wards of the Hospital.

II. WARD CLASSES. The students make the morning and other visits to the wards with Professors Halsted, Finney, Young, Baer, Drs. Heuer, and Goetsch, and the House surgeon, where they receive bedside instruction.

III. CLINICS. A weekly clinic, by Professor Halsted, Friday, 12 m. to 1 p. m.

IV. SURGICAL OPERATING ROOM. To each group of fourth-year students the privileges of the private operating rooms are extended for one trimester.

V. Genito-Urinary Surgery. Professor Young. (For details, see below.)

VI. Recitation. Professor Bloodgood. Tuesday, 11 to 12 m. (entire group).

VII. Orthopedic Surgery. Professor Baer. (For details, see page 91.)

VIII. Laryngology. Dr. Crowe. (For details, see page 92.)

IX. Roentgenology. Dr. Baetjer.

Graduate Work

Surgical Pathology. Professor J. C. Bloodgood.

Graduates can enter the Laboratory of Surgical Pathology at any time for special instruction. The work is so arranged as to occupy the entire day or a portion of each day. The fee is $100.

X-Ray Diagnosis and Therapeutics. Dr. F. H. Baetjer. This course is given three times during the year, as follows: Course I, October 15 to December 15; Course II, January 15 to March 15; Course III, April 15 to June 15. (Limited to five in each course.)

Each course consists of daily demonstrations from 11 a. m. to 12.30 p. m., and aims to give a practical knowledge of the construction and manipulation of the X-ray apparatus, and its use in diagnosis and treatment.

Fee $50. Beginning June first, six weeks courses in general surgery and the various surgical specialties are offered to graduates in Medicine. See pages 109, 110.

Urology

During the fourth year Professor Young and Dr. Geraghty conduct the following elective courses:

Minor Course

I. Practical work in the dispensary, daily from 2 p. m. to 3.30 p. m., for one-half trimester or alternate days for entire trimester.

II. Weekly lecture or clinic, Professor Young, Monday, 3.30 p. m. to 4.30 p. m., for one trimester.

Major Course

I. Practical work in the Hospital laboratories or operating room, daily from 9 a. m. to 12 m., for one trimester. (Limited to six students.)

II. Weekly lecture or clinic, Monday, 3.30 p. m. to 4.30 p. m., throughout the year.

III. Pathology of the genito-urinary tract, twice weekly, Dr. Geraghty, Monday and Thursday, 12 to 1 p. m.

Orthopedic Surgery

Instruction in Orthopedic Surgery is given throughout the fourth year by Dr. Baer, assisted by Drs. Fayerweather, Bennett, Ashbury, and Mauck.

Obligatory Work:

I. Ward rounds, once weekly throughout the year, for the surgical section.

II. Clinical instruction for groups of fourteen daily or three times weekly, for one trimester, from 2 to 3.30 p. m.

III. Operative clinic, Monday and Thursday, 10-12.

Elective Courses

I. A clinical lecture or recitation is given throughout the entire year, on Thursdays, from 12 m. to 1 p. m.

II. Dispensary clinic is held daily from 10 a. m. to 12 m.

III. Lateral Curvature Course is given on Tuesday mornings and Saturday afternoons.

Graduate Courses

For details see announcement of summer courses.

Laryngology

The following elective courses are offered during the fourth year:

Minor Course

I. Practical work in the dispensary, three days a week from 2 to 3.30 p. m., for one trimester.

II. Daily clinic and lecture in the dispensary, 2.30 to 3.30 p. m. Dr. Crowe or Dr. Slack.

III. Weekly lecture or clinic, Dr. Crowe, Wednesday, 3.30 to 4.30 p. m.

IV. X-Ray Diagnosis of sinus and mastoid conditions. Dr. Crowe. One day a week.

Major Course

I. Practical work in the dispensary, daily from 2 to 4.30 p. m., for one trimester.

II. Lecture, Wednesday, 3.30 to 4.30 p. m. throughout the year.

III. On request, students will be allowed to assist in operations in the general operating room.

Throughout the third year obligatory courses in laryngoscopy are given to groups of fifteen students on Saturday from 2 to 4 p. m., as a preparation for the work of the fourth year in the laryngological clinics and wards.

An elective course in bronchoscopy and oesophagoscopy is offered to fourth year students during the third trimester, Tuesday, from 3 to 5 p. m., in the Hunterian Laboratory. Dr. Hazlehurst. (Limited to groups of ten.)

Throughout the fourth year students in the medical group will have opportunities to make routine examination of the

nose, throat, larynx and sinuses upon patients in the public wards.

PEDIATRICS

John Howland, M. D., Professor of Pediatrics.
Edwards A. Park, M. D., Associate Professor of Pediatrics.
Williams McK. Marriott, M. D., Associate in Pediatrics.
Kenneth D. Blackfan, M. D., Instructor in Pediatrics.
James L. Gamble, M. D., Instructor in Pediatrics.
Warren R. Sisson, M. D., Instructor in Pediatrics.
Harold L. Higgins, A. B., Assistant in Pediatrics.
J. H. Mason Knox, Ph. D., M. D., Associate in Clinical Pediatrics.

Second Year

During the last trimester of this year one hour a week is devoted to recitations, demonstrations and lectures upon the growth and development of infants and children and upon the subject of nutrition, normal and abnormal and the influence of the food stuffs, in so far as pediatrics is concerned. The class is divided into sections.

Fourth Year

I. A weekly clinic or lecture on Monday from 12 to 1 throughout the year. This is given by Dr. Knox in the first trimester and by Professor Howland in the second and third trimesters.

II. Section teaching is given to each section twice a week for one trimester. This consists in the examination by students of patients in the wards and in the dispensary, in the presentation of cases by the students and in the discussion of symptoms, diagnosis and treatment. Special attention is paid to the diseases peculiar to infancy and childhood and to the differences in the manifestation of disease in children as contrasted with adults.

III. An elective major course is given each trimester to not more than five students. Those electing this course

serve as clinical clerks in the wards and dispensary, as well as attend the other exercises.

Graduate Courses

For details, see announcement of summer courses.

OBSTETRICS

J. Whitbridge Williams, M. D., Professor of Obstetrics.
Karl M. Wilson, M. D., Associate in Clinical Obstetrics.
Everett D. Plass, M. D., Instructor in Obstetrics.
William L. Millea, M. D., Instructor in Obstetrics.
Daniel Davis, M. D., Assistant in Obstetrics.

Instruction is given in the third and fourth years. The third-year work is obligatory and must be taken by all students, while that of the fourth year is elective.

Third Year

In this year five hours a week are devoted to the subject, and the time is divided as follows:

I. Recitations or Exercises with the Manikin. Thrice weekly throughout the year. In the former the general principles of obstetrics are considered, while in the latter, which are interspersed between the recitations, the technique of obstetrical examination and of the various operative procedures is taught.

II. Practical Instruction. This includes the examination of pregnant women, pelvimetry, the delivery of patients, and the care of the woman and child after delivery.

III. Ward Classes to groups, twice weekly throughout the year.

IV. Elective courses in Obstetrical Pathology will be given by Drs. Williams, Wilson and Plass on Friday afternoons from 2 to 4.00, during each of the first two trimesters.

Practical laboratory instruction is given in the anatomy and histology of the generative organs, as well as in the pathology of the various diseases of pregnancy, labor and the puerperal state.

Fourth Year

The elective work of this year is arranged in trimesters. Classes are held on Tuesday, Thursday and Friday from 10 to 12 o'clock, and patients are delivered as they fall into labor. Each practical course will be limited to ten students, and the work will be divided as follows:

I. Delivery of patients in the ward and out-patient service and opportunity to witness all operations performed in the department.

II. Ward and nursery rounds.

III. Ante- and post-partum examination of patients.

IV. Obstetrical seminary.

V. A course of practical instruction in contracted pelves.

VI. A practical and laboratory course on the metabolism of pregnancy and its abnormalities.

VII. A course in comparative placentation and elementary teratology.

VIII. Obstetrical pathology.

A credit of 1½ units will be allowed for the regular class work, and an additional unit to students delivering 10 or more patients in the out-door service.

Graduate Work

A limited number of physicians may receive advanced instruction during the academic year. Those wishing to do so should apply to Professor Williams stating the character of the work they desire and their qualifications for undertaking it.

GYNECOLOGY

Howard A. Kelly, M. D., Professor of Gynecology.
William W. Russell, M. D., Associate Professor of Clinical Gynecology.
Thomas S. Cullen, M. B., Associate Professor of Clinical Gynecology.
Guy L. Hunner, M. D., Associate in Clinical Gynecology.
Elizabeth Hurdon, M. D., Associate in Clinical Gynecology.
Edward H. Richardson, M. D., Associate in Clinical Gynecology.
Veader N. Leonard, M. D., Instructor in Gynecology.
Emil Novak, M. D., Instructor in Clinical Gynecology.

Instruction is given to third and fourth year students and also to graduates. The courses of the third year are obligatory, those of the fourth year elective.

Third Year

I. Gynecological diagnosis. Each section once a week for four months. Practical instruction in the technique and interpretation of pelvic examinations; demonstrations of selected operations. Drs. Russell and Richardson.

II. A lecture, pathological demonstration or recitation once a week, throughout the year. Drs. Russell, Hunner, Hurdon and Richardson.

Fourth Year

I. Ward rounds twice a week; bed-side instruction and demonstrations. Dr. Cullen and the Resident Staff.

II. Out-patient clinics. A limited number of students are allowed to assist in the work of the dispensary daily, 2 to 4 p. m. Dr. Richardson and the Resident Staff.

III. Practical Cystoscopy. Demonstrations, covering the entire subject of diseases of the urinary tract in women, to a limited number of students three days a week from 2.30 to 4.30 p. m. Dr. Hunner and the Resident Gynecologist.

IV. Advanced Course. Offered to each section for one trimester. This includes ward rounds, pelvic examinations under anesthesia, demonstrations of operating room technique and of major operations, lectures and recitations. Drs. Kelly and Cullen.

VI. Gynecological pathology. This course embraces the thorough gross and microscopic study of all diseases of the pelvic structures. Special attention is given to the examination of scrapings. Drs. Cullen and Hurdon.

Graduate Work

Gynecological pathology (limited to five students.) Drs. Cullen and Hurdon.

This course begins October 1 and extends through two trimesters. The class meets Friday afternoons, 2 to 4.30. Applications should be sent to the Registrar not later than September 15. Fee, $50.00.

During March and April on Tuesdays, 2 to 4.30 p. m., Drs. Cullen or Hurdon conduct a course (limited to ten) in the diagnosis of uterine scrapings. Fee, $50.00. All pathological conditions of the cervix and body of the uterus that might be mistaken for cancer are discussed, and special consideration is given to the early diagnosis of cancer of the uterus. The methods of obtaining and examining pieces of uterine tissue are given in detail. Fee, $50.00.

For summer courses, see announcement, page 111.

PSYCHIATRY

Adolf Meyer, M. D., Professor of Psychiatry.
Henry J. Berkley, M. D., Clinical Professor of Psychiatry.
Charles Macfie Campbell, M. D., Associate Professor of Psychiatry.
W. Rush Dunton, Jr., M. D., Instructor in Clinical Psychiatry.
Trigant Burrow, M. D., Assistant in Clinical Psychiatry.
Roscoe W. Hall, M. D., Assistant in Psychiatry.

The following courses are offered:

1. Introduction to biological and medical psychology, third trimester of the second year (Tuesday, 2-4 p. m.). An extension of physiology and general pathology into the study of mental activities. (*Required.*)

2. Introduction to psychopathology, second trimester,

third year. An extension of the course of general pathology and neurology into the study of abnormal mental mechanisms, the aphasia and apraxia groups, effects of poisons and disorders of internal secretion, and the substitutive reactions in hysteria, psychasthenia, etc. (Tuesday, from 4.30 to 5.30 p. m.) (*Required.*)

3. Introduction to practical psychiatry (psychiatric nosology and methods of work): An obligatory course of clinical demonstrations and of lectures during the first trimester of the fourth year, Fridays, 4.30 to 5.30, and Saturdays, 3.30-5.30.

4. Weekly clinics and discussions for 3rd and 4th years, second and third trimesters, Thursdays, 4.30 to 5.30. (Optional.)

Elective Work for Fourth-Year Students

1. Elective clinics will be given by Dr. Henry J. Berkley to a class limited to twelve at the Bay View Asylum, on Saturdays from 3-30 to 5 during the second trimester of the 4th year; and by Dr. Dunton at the Sheppard and Enoch Prartt Hospital on Saturdays, 3.30 to 5.30, during the 3rd trimester.

2. Dispensary work, Monday, Tuesday, Wednesday, and Friday, 10-12, with Dr. Charles Macfie Campbell.

Each student will have the opportunity of personally examining and treating under supervision cases of incipient mental disorder. At the end of the hour there will be the presentation of one or two of the most instructive cases, or a review of the day's material so that each student will profit by the whole of the clinical material available.

3. Work on ward cases, partly in connection with the Thursday clinics.

In the 2nd trimester Dr. Campbell will give an elective course on special methods of investigation and treatment in hysteria and the psychoneuroses.

Special laboratory work in general clinical laboratory

methods, neuropathology and psychology (elective for second, third or fourth year).

Graduate Work

Post-graduate work is limited to physicians who will spend at least one trimester in work in the clinic and its laboratories. For summer courses, see announcement, page 112.

OPHTHALMOLOGY

Samuel Theobald, M. D., Clinical Professor of Ophthalmology.
Robert L. Randolph, M. D., Associate Professor of Clinical Ophthalmology and Otology.
James J. Mills, M. D., Instructor in Clinical Ophthalmology.
Hedley V. Tweedie, M. D., Assistant in Clinical Ophthalmology.
Leo J. Goldbach, M. D., Assistant in Clinical Ophthalmology.
Lloyd B. Whitham, M. D., Assistant in Clinical Ophthalmology.

I. Daily clinics are given in the dispensary by Professors Theobald and Randolph. Each of the sub-sections into which the fourth-year class is divided attends these clinics for a half trimester. By this arrangement an opportunity is afforded each student to acquire a practical knowledge of eye diseases.

II. The major course in Ophthalmology comprises, besides greater clinical advantages—including the privilege of attendance upon the clinics of Professor Theobald at the Baltimore Eye, Ear and Throat Charity Hospital—instruction in operative surgery of the eye, in the determination of errors of refraction, the optometric use of the ophthalmoscope and skiascopy.

III. Weekly lecture, Thursday, 3.30 to 4.30 p. m., through the year. Professor Theobald.

IV. During the third year a preparatory course in ophthalmoscopy is given by Dr. Mills.

Graduate Work

For summer courses for general practitioners see announcement, page 110.

DERMATOLOGY

T. Caspar Gilchrist, M. D., Clinical Professor of Dermatology.
J. Williams Lord, M. D., Clinical Professor of Dermatology.
Edgar R. Strobel, M. D., Instructor in Clinical Dermatology.
Isaac R. Pels, M. D., Assistant in Clinical Dermatology.
Lloyd W. Ketron, M. D., Assistant in Clinical Dermatology.
J. Scott Willock, M. D., Assistant in Clinical Dermatology.

The instruction consists of the following elective courses offered to students in the fourth year:

Minor Course

I. Daily work in the dispensary, 2 to 2.30 p. m., for one-half trimester or on alternate days during one trimester.

II. Weekly clinical lectures on Tuesdays at 3.30 to 4.30 p. m.

Major Course

I. Daily work in the dispensary from 2 to 4.30 p. m. through one trimester.

II. Weekly clinical lectures on Tuesdays, 3.30 to 4.30 p. m. throughout the year.

III. A course in the pathology and bacteriology of the common cutaneous diseases.

IV. Research work.

Graduate Work

An opportunity is given to obtain practical instruction in dermatology during the academic year.

I. Practical work in the dispensary, daily, 2 to 4 p. m., for one or more trimesters.

II. A course in the pathology and bacteriology of the common cutaneous diseases.

MEDICAL ZOÖLOGY

CHARLES WARDELL STILES, Ph. D., D. Sc., Lecturer on Medical Zoölogy and Professor of Zoölogy to the U. S. Public Health Service.

Instruction in Medical Zoölogy is given to students of the third and fourth years by Dr. Stiles. It consists of a course of twenty lectures on the medical relations of animals to man (animal parasites, animals as transmitters of disease, poisonous snakes, etc.); ten lectures are given each year, illustrated with numerous charts, lantern slides, and specimens, and supplemented by practical laboratory exercises in studying both live and preserved parasites, examining meat for trichiniasis and in the diagnosis of various zoöparasitic diseases by microscopic examination of fæces. The parasites are studied from the standpoints of zoölogy, practical medicine, and public health.

LEGAL MEDICINE

WILLIAM W. FORD, M. D., Lecturer in Legal Medicine.

The instruction is given in the third year. The lectures are intended to instruct the students in the actual facts of applied medicine, which constitutes the basis of the work of the medico-legal practitioner, as in the duties of the medical expert witness and his relations to his client and to the court.

The lectures deal with sexual transgressions, abortion, infanticide, etc., with the circumstances attendant upon violent death in its various forms and with injuries of all sorts, mechanical and chemical, and with the medico-legal relations of insanity.

Especial attention is directed to the methods of investigation and protocol writing in such cases, and to the technical means by which suspected marks, stains and traces of all sorts may be recognized. Instruction as to the character of medical evidence which is useful and admissible in court and as to its presentation, is emphasized.

INSTRUCTION IN ART AS APPLIED TO MEDICINE

MAX BROEDEL, Associate Professor of Art as applied to Medicine.

A. Courses for Medical Students

1). A course in drawing open to students of all four years, to research workers and to members of the faculty for one afternoon a week throughout the year. This course will be limited to 12 students. The work will first deal with the exact study of the plastic representation of medical objects of all kinds. Later on this will lead to the study of diagrammatic drawings and sketches useful in taking medical histories or illustrating lectures with blackboard sketches. Lastly various techniques for making medical illustrations for publications will be taught.

2). Research workers who require pictorial representations of their research, will be taught the principles of making such drawings.

B. Courses for Artists and Art Students

1). Special instruction to medical illustrators who desire to take up advanced work in a particular branch. The fee will depend on the length of the course and the character of the instruction. Minimum fee, $25.00. Such courses may be taken at any time during the academic year.

2). A regular course for beginners. This course will continue during the entire day throughout the academic year. Applicants who are not graduates of an art school must submit samples of their work. The duration of the course of instruction will of necessity depend on the talent of the individual, the average term, however, not exceeding two years. The fee is $100.00 a year. Drawings of especial merit may be accepted and utilized by the Department for publication and as a practical test of the artist's ability. Although such drawings become the property of the school, the student will receive several printed proofs after publica-

tion. All drawings and sketches not so honored will remain the property of the student.

The course will include:

a). Anatomical studies of the skeleton, muscles and viscera from the standpoint of the medical illustrator. Everything studied is sketched or drawn.

b). Studies of fresh material at autopsies, combined with microscopic studies of the various tissues in health and disease. A number of accessory methods will be employed in studying fresh tissues.

c). Studies of hardened specimens from the various pathological collections, combined with the study of the texture of the individual structures of the body.

d). Based on the foregoing the student is ready to study the pictorial representation of physical examinations, various kinds of treatment and the different steps in surgical operations.

e). Stress will be laid on the correct attitude of the medical illustrator toward problems in medical research and toward the conception of a medical illustration in general as an aid to the text and also as a work of art.

f). Parallel with and supplementing these studies, instruction will be given in the various techniques suitable for medical illustrations intended for publication. Namely:

1). Half-tone drawings in crayon, etc.—Mixed technique.

2). Water color painting.

3). Line drawings in pen and ink. Diagrams.

4). Charts for class demonstrations.

g). Studies of the various methods of reproduction from the standpoint of the illustrator.

HISTORY AND LITERATURE OF MEDICINE

The Historical Club meets once a month throughout the academic year in the medical amphitheatre of the Hospital. Old and rare or otherwise historically interesting books are exhibited and the history of medical doctrines, of epochs in medicine and of the lives and contributions to knowledge of eminent men, and other themes pertaining to the history of medicine are considered. Many students avail themselves of the stimulating and educational advantages afforded by the meetings of this Club.

SPECIAL LECTURES

From time to time, as opportunity offers, short courses of special lectures or demonstrations upon selected topics are given either by specially appointed lecturers or by members of the teaching staff.

SUMMER COURSES FOR GRADUATES IN MEDICINE

SUMMER COURSES FOR GRADUATES IN MEDICINE

In co-operation with the Johns Hopkins Hospital, the following courses are offered to graduates in medicine. Instruction will begin on Tuesday, June 1st and end on Thursday, July 15th.

Under special circumstances, fourth year students of accredited medical schools may obtain permission to register for these courses, which are primarily intended for physicians.

The right is reserved to cancel any course announced, in case less than five (5) *persons register for it.*

Medicine

I. *Amphitheatre Clinic*—Dr. L. F. Barker, Professor of Clinical Medicine, June; Dr. T. B. Futcher, Associate Professor of Clinical Medicine, July.

II. *Practical Medicine*—Dr. L. V. Hamman, Associate in Clinical Medicine and Dr. P. W. Clough, Associate in Medicine.

A course in practical medicine consisting of clinical demonstrations. Daily, 9 to 11 a. m.

III. *Clinical Microscopy*—Dr. T. P. Sprunt, Instructor in Medicine, and Dr. M. A. Hodge, Dispensary Physician.

The course consists of lectures and laboratory instruction in the miscroscopic and chemical examinations of urine, blood, gastric contents, faeces and sputum. Monday, Wednesday and Friday, 2 to 4.30 p. m.

IV. *Serum Diagnosis, Immunity Reactions, Bacteriological Examinations*—Dr. C. R. Austrian, Associate in Medicine and Dr. A. L. Bloomfield, Assistant in Medicine.

The course consists of lectures and laboratory instruction covering the Wassermann reaction, fixation of complement

test in gonorrhoea and other diseases, the Widal reaction, blood cultures, throat cultures, sputum examinations, bacteriological examinations of various body fluids and tissues, tuberculin and luetin reactions, Abderhalden reaction in pregnancy, colloidal gold reaction, opsonic technique, isoagglutination and isohemolysis tests in selecting the donor for transfusion. Tuesday, Thursday and Saturday, 2 to 4.30 p. m.

V. *Diseases of the Circulation*—Dr. E. W. Bridgman, Assistant in Medicine. The course covers the diagnosis and treatment of cardiac diseases, together with a study of blood-pressure, venous pulse, electrocardiagrams, etc. Tuesday, Thursday and Saturday, 2 to 4 p. m.

VI. *Percussion and Auscultation*—Dr. S. Wolman, Instructor in Clinical Medicine, and associates. Tuesday, Thursday and Saturday, 11 a. m. to 1 p. m.

VII. *Diseases of the Digestive Apparatus*—Dr. T. R. Brown, Associate in Clinical Medicine. A course in the diseases of the digestive apparatus, with practical exercises in the use of the various diagnostic methods, including sigmoidoscopic and fluoroscopic examinations. Monday, Wednesday and Friday, 11 a. m. to 1 p. m.

VIII. *Diseases of Metabolism*—Dr. H. O. Mosenthal, Associate Professor of Medicine. This course will be a practical study of patients with diabetes and other diseases of metabolism with reference to exact functional diagnosis and practical treatment. Each student will be required to carry out the various tests for himself. Ward visits as the material offers. Tuesday, 10 to 12 m. in the Medical Dispensary.

IX. *Diagnosis and Treatment of Syphilis*—Dr. A. Keidel, Instructor in Clinical Urology. Daily, 2 to 4 p. m.

X. *Neurology*—Dr. G. Lane Taneyhill, Jr., and Dr. C. M. Byrnes, Instructors in Clinical Neurology.

(a) The course consists of lectures and practical work in the Dispensary. History-taking, methods of examination, and differential diagnosis will be discussed. Instruction will be

given in the use of the ophthalmoscope and the making of electric and sensory examinations. Daily, 10 to 12 m.

(b) Dr. Taneyhill: Lectures with illustrative case histories, in which the Freudian psychology and its bearing upon the treatment of the neuroses and psychoneuroses will be considered. Discussion of the relation of hysteria to states of depression, and to manic-depressive insanity. Monday, Wednesday and Thursday, 9 to 10 a. m.

(c) Dr. Byrnes: A brief course in the gross and microscopic anatomy of the central nervous system, followed by the consideration of the painful affections of the trigeminal nerve and their treatment by alcohol injections. Other pathologic specimens will also be demonstrated, and, when practicable, instruction will be given in the intraspinal method of administering salvarsanised and mercurialised sera. Monday, Wednesday and Friday, 12 to 1 p. m.

Pediatrics

Dr. E. A. Park, Associate Professor of Pediatrics, and Dr. Kenneth D. Blackfan, Instructor in Pediatrics. The course will consist of clinics and demonstrations of patients illustrating the more common diseases of infancy and childhood. Monday, Wednesday and Friday, 11 a. m. to 1 p. m.

Surgery

Dr. J. C. Bloodgood, Associate Professor of Clinical Surgery.

I. *Surgical Diagnosis*—Dr. G. J. Heuer, Associate in Surgery, assisted by Dr. R. H. Follis, Associate in Clinical Surgery, and Dr. R. D. McClure, Instructor in Surgery.

(a) Daily ward rounds and operative clinics. Rounds, 9 a. m. to 10 a. m., and operations, 11 a. m. to 12 m.

(b) Surgical and Pathological Consideration of Tumors—Dr. J. C. Bloodgood. 9 to 12, twice weekly.

II. *Surgical Pathology*—Dr. W. E. Dandy, Instructor in

Surgery. This course will consist of the gross and microscopic study of specimens from the surgical operating room. Tuesday, Thursday and Saturday, 2 to 5 p. m.

III. *Operative Surgery on Animals*—Dr. George Walker, Associate in Surgery, assisted by Dr. R. D. McClure. In this course a limited number of students will perform a series of operations in abdominal, renal and blood-vessel surgery, under the immediate supervision of the instructors. Monday, Wednesday and Friday, 2 to 5 p. m.

IV. *Genito-Urinary Surgery*—Dr. F. W. Hobelman, Dispensary Urologist. Clinical Instruction in history-taking, routine genito-urinary examinations, urinary analysis, methods of microscopic examination of secretions from the urethra, venereal sores, prostate, etc., instrumental examination (including urethroscopy, but not cystoscopy), and methods of treatment. Daily, 2 to 3.30 p. m.

V. *Plastic Surgery*—Dr. J. S. Davis, Instructor in Clinical Surgery. In this course particular attention will be paid to wound healing, skin grafting, etc. Ward, dispensary and operative demonstrations will be given. Tuesday and Saturday, 10 to 12 m.

VI. *Rectal Surgery*—Dr. H. B. Stone, Instructor in Clinical Surgery. This course will include digital and proctoscopic examinations, together with operations under general or local anesthesia. Monday and Friday, 10 to 12 m. *Operative clinics as posted.*

VII. *Radiography*—Dr. C. A. Waters, Assistant in Actinography. Practical instruction in X-Ray laboratory, including Roentgenoscopy and Roentgenotherapy. Lecture on Saturday at 12 m. Daily, 10 to 1 p. m.

VIII. *Anesthesia*—Dr. M. R. Reid, Instructor in Surgery. Practical instruction in the administration of anesthetics. Tuesday, Thursday and Saturday, 10 to 12 m.

IX. *Diseases of the Eye*—Dr. H. V. Tweedie and Dr. L. B. Whitman, Assistants in Clinical Ophthalmology.

(a) Practical Dispensary course in diagnosis and treat-

ment, including lectures on penetrating wounds, accidental injuries, etc.

(b) Ophthalmoscopy. Tuesday, Thursday and Saturday, 3 to 5 p. m.

X. *Diseases of the Nose, Throat and Ear*—Dr. S. J. Crowe, Associate in Clinical Larynology; Dr. F. Hazlehurst and Dr. H. R. Slack, Assistants in Laryngology.

(a) *Dispensary Work:* Monday, Wednesday and Friday, 2 to 4.30 p. m.

(b) *Operative Clinic:* Tuesday, Thursday and Saturday, 9 to 11 a. m,

This will be supplemented by the demonstration of models, microscopic sections and X-ray plates illustrating the diagnosis of sinus and ear conditions.

(c) *Bronchoscopy and Esophagoscopy:* Monday, 2 to 5 p. m. Dr. Hazlehurst.

This course will be given to a limited number of students in the Hunterian Laboratory and will cover the technic and practical methods employed in such work.

XI. *Diseases of the Skin*—Dr. E. R. Strobel, Instructor in Clinical Dermatology, and Dr. I. R. Pels, Assistant in Clinical Dermatology. The course consists of the demonstration of patients and discussion of their symptoms with especial attention to differential diagnosis and treatment. The bacteriology and pathology of certain skin diseases will also be considered. Daily, 2 to 3.30 p. m. Clinical Lecture, Dr. T. C. Gilchrist, Tuesday, 3 to 4 p. m.

Gynecology

Drs. G. L. Hunner and E. H. Richardson, Associates in Clinical Gynecology; Dr. J. C. Neel, Instructor in Gynecology, and Dr. V. N. Leonard, Assistant Resident Gynecologist.

I. *Operative Clinics,* preceded by pelvic examinations under anesthesia. Monday, Wednesday and Saturday, 9 a. m. to 1 p. m.

II. *Ward-rounds*—Tuesdays and Thursdays, 9 to 10 a. m.

III. *Practical Work in the Dispensary,* including history-taking, pelvic and abdominal examinations without anesthesia, and medical gynecology. Daily, 2 to 4 p. m.

IV. *Cystoscopy*—Dr. G. L. Hunner, Dr. E. H. Richardson and Dr. V. N. Leonard. Practical instruction in the cystoscopic clinic. Tuesday, Thursday and Friday, 2 to 4.30 p. m.

Obstetrics

Dr. E. D. Plass, Instructor in Obstetrics. The course will include ward rounds, abdominal palpation and pelvic mensuration, demonstrations of methods, lectures upon various important subjects and miscroscopic work in obstetrical pathology. There will also be the opportunity to attend deliveries and operations. Morphine-scopolamine anesthesia will be demonstrated in suitable cases. Groups of students will have an opportunity to work in the Dispensary for one week and to make ante-partum and post-partum examinations for another week. (Course limited to ten students.)

Tuesday, 10 to 11 a. m., demonstrations; 11 to 12 m., lecture. Thursday, 10 to 11 a. m., palpation and mensuration; 11 to 12 m., lecture. Friday, 9 to 10 a. m., ward rounds; 10 to 12 m., obstetrical pathology.

Psychiatry

I. Dr. C. M. Campbell, Associate in Psychiatry and Dr. D. K. Henderson, Assistant in Psychiatry.

(a) *General Psychiatry:* The course includes the presentation and discussion of cases and will afford opportunity for personal study of patients. Monday, Wednesday and Friday, 11 to 1 p. m. *Daily if desired.*

(b) Lecture course on psycho-pathology. Monday, Tuesday and Thursday, 3 to 4 p. m.

II. Dr. S. R. Miller, Assistant in Clinical Medicine, in Charge of Laboratory of Internal Medicine, Phipps Psychiatric Clinic. Course in special laboratory technique including

examination of cerebro-spinal fluid, intraspinal therapy and other special methods. Wednesday and Friday, 2 to 4 p. m.

Fees

A full day's work for the entire period in as many courses as can be taken without conflict in hours—$100. If Animal Surgery is taken, an additional charge of $25.00 will be made.

The fee for any one of the following courses is $25.00: Clinical Microscopy, Serum Diagnosis, Diseases of Circulation, Digestive Diseases, Percussion and Auscultation, Diseases of Metabolism, Plastic Surgery, Rectal Surgery, Anesthesia, Eye, Skin and Ear, Throat and Nose, Gynecological Cystoscopy, Gynecological Dispensary, Pediatrics.

The fee for any one of the following courses is $50.00: Practical Medicine (including Amphitheatre Clinics), Syphilis, Neurology, Radiography, Gynecological Operative Course with Ward Rounds, Obstetrics, Surgical Operations, Surgical Diagnosis with Ward Rounds, Genito-Urinary Surgery, Psychiatry.

For Animal Surgery alone, the fee is $75.00.

Persons desiring to take these courses must register at the Dean's Office, where they will receive the necessary credentials.

Courses cannot be changed after registration, except upon the payment of an additional fee.

In view of the fact that only a limited number can be admitted to certain courses, it is advisable that applications be made in advance. Address the Dean of the Johns Hopkins Medical School, Baltimore.

SCHEDULES OF COURSES FOR THE SESSION OF 1915-1916

No alterations in the schedules are permitted unless authorized by the Medical Faculty.

SCHEDULE FOR THE

	Monday	Tuesday.
First Trimester. (Oct. 5 to Dec. 23, incl.)	9-12 Anatomy I. 12-1 † Anatomy VII.	9-12. Anatomy I. 12-1.† Anatomy V.
	2-5. Histology.	2-5.† Drawing as Applied to Medicine.
Second Trimester. (Jan. 3 to Mar. 4, incl.)	9-1. Anatomy II.	9-12. Anatomy II. 12-1.† Anatomy V.
	2-5. Histology and Organology.	2-3. Histology and Organology (Lecture). 2-5.† Drawing as Applied to Medicine.
Third Trimester. (Mar. 5 to May 7, incl.)	9-12 Bacteriology Laboratory. 12-1 Bacteriology Recitation.	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.
	2-3 Physiol. Chem. Lecture. (A and B.)	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

FIRST YEAR, 1915-1916

Wednesday.	Thursday	Friday.
9-12. Anatomy I. 12-1.†	9-12. Anatomy I.	9-12. Anatomy I.
2-5. Histology.	2-3. Histology (Lecture). 3-5.†	2-5. Histology.
9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).
2-5. Histology and Organology.	2-3.† Special Histology. 2-5.†	2-3.† Medical Anatomy 2-5.† Haematology.
9-12. Bacteriology Laboratory. 12-1. Physiol. Chem. Lecture. (A and B).	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	9-12. Bacteriology. 12-1. Physiol. Chem. (Lecture). (A and B)
4-5. Bacteriology (Lecture).	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	4-5. Bacteriology (Lecture).

† Elective or advanced work may be obtained in the following subjects by arrangement with the instructors: Anatomy, Physiology, Physiology in Relation to Medicine, Physiological Chemistry, Pharmacology, Toxicology, Experimental Pathology and Hygiene.

SCHEDULE FOR THE

	Monday.	Tuesday.
First Trimester. (Oct. 5 to Dec. 3, incl.)	9-10.† Study Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. Pathology (Recitation).	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).
	2-5. Pathology.	2-5. Physiology (B). Physiological Chemistry (A).
Second Trimester. (Jan. 3 to Mar. 14, incl.)	9-12.† Study Room (Anatomy). Topographical Anat. Anat. of the Infant. 10-12. Autopsy Demonstration. Group I. 12-1. Pathology (Recitation).	9-12.† Autopsies. Hygiene. Study Room (Anat.). Topograph. Anat. Anat. of Infant. 12-1. Pharmacology (Lecture).
	2-5. Pathology.	2-5.† Drawing as Applied to Anatomy. Toxicology. Principles of Immunity. (Lecture.)
Third Trimester. (Mar. 15 to May 27, incl.)	9-10. Application of Biology to Medicine. Dr. Clough. Application of Chemistry to Medicine. Dr. Mosenthal. 10-12 (Mar. 15 to 25 incl.) Entire Class—Surgery. (Mar. 27-May 27.) Groups I and II. Prep. Surgery. Groups III and IV. Physi- cal Diag. Groups V and VI. Medical Dispensary. 12-1. Medical Clinic. Dr. Janeway.	9-10. Demonstration of Autopsy Material. 1st half Class. 10-12 (Mar. 15 to 25 incl.) Entire Class—Medicine. (Mar. 27-May 27.) Groups III and IV. Prep. Surgery. Groups V and VI. Physi- cal Diag. Groups I and II. Medical Dispensary. 12-1. Surgical Clinic. Dr. Finney.
	2-3. Medical Conference. Dr. Janeway. 3-4. Pharmacy (lecture). 4-6. Practical Pharmacy. Elective.	2-4. Medical Psychology. Dr. Meyer. Required.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

† Electives or advanced work may be obtained in the following subjects by arrangement with the instructors: Anatomy, Physiology, Physiological Chemistry, Pharma-

CONDYEAR, 1915-1916

WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10.† dy Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. Demonstration of utopsy Material (A).	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A)	9-11.† Study Room (Anatomy). 11-12. Autopsies.* 12-1. Demonstration of Autopsy Material (B).	
2-5. Pathology.	2-5. Physiology (B). Physiological Chemistry (A).	2-5. Pathology.	
9-12.† tudy Room (Anat.). Topograph. Anat. Anat. of Infant. 10-12. utopsy Demonstration. Group II. 12-1. Pharmacology (Lecture).	9-12.† Autopsies. Hygiene. Study Room (Anat.). Topograph. Anat. Anat. of Infant.	9-10.† Study Room (Anatomy). Topograph. Anat. Anat. of Infant. 10-12. Autopsy Demonstration. Group III. 12-1. Pharmacology (Lecture).	
2-5. Pathology.	2-5† Experimental Pharmacology. Principles of Immunity. (Lecture.) Special Histology.	2-5. Pathology.	
9-10. duction to Therapeutics armacological Lecture Room). Dr. Lamson. 10-12 (Mar. 15-25 incl.) tire Class—Surgery. (Mar. 27-May 27.) ps V and VI. Prep. Surgery. ps I and II. Physi- cal Diag. s III and IV. Medical Dispensary. 12-1. Surgical Clinic. . Heuer and Davis.	9-10. Demonstration of Autopsy Material. 2nd half Class. 10-12 (Mar. 15-25 incl.) Entire Class—Surgery. (Mar. 27-May 27.) Groups I and II. Prep. Surgery. Groups III and IV. Physi- cal Diag. Groups V and VI. Medical Dispensary. 12-1. Medical Clinic. Dr. Janeway.	9-10. Surgery. Recitation. 10-12 (Mar. 15-25 incl.) Entire Class—Medicine. (Mar. 27-May 27.) Groups III and IV. Prep. Surgery. Groups V and VI. Physi- cal Diag. Groups I and II. Medical Dispensary. 12-1. Physical Diagnosis Recitation. Dr. Bridgman.	10-12 (Mar. 15-25 incl.) Entire Class—Surgery. (Mar. 27-May 27.) Groups V and VI. Prep. Surgery. Groups I and II. Physi- cal Diag. Groups III and IV. Medical Dispensary.
2-3. Pediatrics. One-half of Class. 3-5. Clinical Laboratory.	2-4. Physical Diagnosis. (Demonstration.) Dr. Bridgman.	2-3. Pediatrics. One-half of Class. 3-4. Neurology.	

y, Toxicology, Experimental Pathology and Hygiene.

utopsies according to special announcement. When material is ready the autopsies will be performed at this

dents who desire to take up or continue research work may be excused from the afternoon exercises of the trimester. Such students must be recommended by the respective instructors to the 3rd and 4th Year mittee.

MONDAY.	TUESDAY.	WEDNESDAY.
9-10. Obstetrics (Recitation).	9-10 1st half year. Group I. Gynecology. Group II. Obstet'cs, W'rd. Groups III and IV. Obstetrics, recitation. 2nd half year. Group I. Obstet'cs, W'rd. Group II. Gynecology. Groups III and IV. Obstetrics, recitation.	9-10. Surgery (Recitation).
First Half Year. 10-12. (Oct. 11-25.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 1-22.) Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 29 to Dec. 20.) Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. (Jan. 10-24.) Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. Second Half Year. 10-12. (Jan. 31 to Mar. 25.) Group I. Surgical Disp. *Group II. Elective. Group III. Bay View. (Mar. 27 to May 27.) Group II. Surgical Disp. *Group I. Elective. Group III. Bay View. Group IV. Neurol. Disp.	10-11. Gynecology. (Recitations, two thirds, Gynecological Pathology, one third of year.) 11-12. Neurology, Clinic or Recitation.	First Half Year. 10-12. (Oct. 6-27.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 3-24.) Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Dec. 1-22.) Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. (Jan. 5-26.) Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. Second Half Year. 10-12. (Jan. 31 to Mar. 25.) Group I. Surgical Disp. Group II. Elective. Group IV. Bay View. (Mar. 27 to May 27.) Group II. Surgical Disp. Group I. Elective. Group IV. Bay View. Group III. Neurol. Disp.
12-1. Medicine. Clinical Lecture. (1st half year.) Medical Clinic. Dr. Futcher. (2d half year.)	12-1. Surgical Clinic Dr. Finney.	12-1. Medicine. Clinical Lecture. (1st half year.) Medical Clinic. Dr. Mosenthal. (2d half year.)
2-3. Clinical Microscopy. Recitation and Demonstrations [1st and 2d Trimester.] 3-4. Practical Therapeutics. Medical Amphitheatre. [1st, 2d and 3d trimesters.] 2-3. Hygiene and Legal Medicine. [3d Trimester.]	2-4.30. Clinical Microscopy. [1st and 2d Trimester.] 4.30-5.30. Psycho.-Pathology [2d Trimester.] ELECTIVE 1.30-5. Drawing. [3rd Trimester.] 2-4. Clinical Microscopy. (½ Trimester). [3rd Trimester.] 3.30-5.30 Surgical Diagnosis Bay View. 3d Tri.	2-3. Surgical Pathology. Clinic and Demonstration. ELECTIVE. 3-4.30. Surgical Pathology (Laboratory). Group Work or Special Work ½ to 1½ units.
4-5 Surgery (Recitation.) [3 trimesters.]	4.30-5.30. Syphilis. (Lecture.) Oct. to Jan.1.	4.30-5.30. Medicine (Recitation).

***Unless otherwise indicated, courses extend throughout year, and are obligatory.**

Unit equals 66 hours:—6 hours a week for 1 term; 2 hours a week for 1 year.

Students must take 1½ units of work during the year in these or other elective courses during these hours.

Open Elective Courses, 2 days a week, 8 weeks, 10 to 12 m. equals 32 hours = ½ Unit.

THIRD YEAR, 1915-1916*

THURSDAY.	FRIDAY.	SATURDAY.
9-10. 1st half year. Group I and II. Obstetrics, recitation. Group III. Gynecology. Group IV. Obstet'cs, W'rd. 2nd half year. Group I and II. Obstetrics, recitation. Group III. Obstet'cs, W'rd. Group IV. Gynecology.	9-10. Physical Diagnosis (Recitation). Dr. Bridgman. (1st half year.) Therapeutics. (Recitation.) Dr. Rowntree. (2d half year.)	9-10. Obstetrics (Recitation).
First Half Year. 10-12. (Oct. 7-28.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Nov. 4-18.) Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Dec. 2-23.) Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. (Jan. 6-27.) Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. Second Half Year. 10-12. (Jan. 31 to Mar. 25.) Group III. Surgical Disp. Group IV. Elective. Group I. Bay View. (Mar. 27 to May 27.) Group IV. Surgical Disp. Group III. Elective. Group I. Bay View. Group II. Neurol. Disp.	10-12. Surgical Clinic. Dr. Finney.	First Half Year. 10-12. (Oct. 9-30.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Nov. 6-20.) Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Dec. 4-18.) Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. (Jan. 8-29.) Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. Second Half Year. 10-12. (Jan. 31 to Mar. 25.) Group III. Surgical Disp. Group IV. Elective. Group II. Bay View. (Mar. 27 to May 27.) Group IV. Surgical Disp. Group III. Elective. Group II. Bay View. Group I. Neurol. Disp.
12-1. Medical Clinic. Dr. Hamman.	12-1. Surgical Clinic. (3rd and 4th years). Dr. Halsted. Nervous Diseases (Recitation). After April 1.	12-1 Medical Clinic (3rd and 4th years). Medical Amphitheatre Dr. Janeway. 1st and 2d Trimester Dr. Barker. 3d Trimester.
2-4.30. Clinical Microscopy. [1st and 2d Trimester.] 2-3. Hygiene and Legal Medicine (Lecture). [3d Trimester.] ELECTIVE. 4.30-5.30. Psychiatry. Clinical Demonstrations. [2d and 3d Trimester] 3-5. Clinical Microscopy. (½ Trimester). Medicine = ½ unit. [3d Trimester.]	ELECTIVE. 11.5. Operative Surgery, in Groups = 1 unit. (Repeated each trimester). 2-4.30. Surgical Pathology (year) = 1½ unit. Obstet. Pathology. 1 Tri. = ½ unit. (Repeated first and second Trimesters). Medicine (year = 1 unit). (Repeated each Trimester). 3.30-5.30. Tuberculosis Clinic. Bay View. [3d Trimester.]	2-4. Laryngoscopy In groups. 2-4. Ophthalmoscopy In groups.
4.30-5.30. Medical Zoology. Oct. to Jan. 1.		

* Electives in Medicine (Tuberculosis and Gastro-Intestinal Diseases, and Medical Dispensary, Jan. 31-Mar. 25), in Pediatrics (in groups) and in other subjects to be announced, are offered from January 31 to March 25.

* Elective Pediatrics to be given if 12 or more apply.

SCHEDULE FOR THE FOURTH YEAR, 1915-1916

Medical Section, including Pediatrics, Tuesday, 10.30-12, and Thursday, 9-11.....
Surgical Section.....
Elective Section.....

MEDICAL SECTION. Medical Wards, Dispensary and Laboratories, 8.30 A. M. to 12 M., and 2 to 4.30 P. M. = 6 units.

SURGICAL SECTION. Surgical Wards, Ward Visits, Operating Room and Laboratories (entire Section), 9 A. M. to 12 M. = 3 units. Recitation, Friday, 9 A. M. Ophthalmology (3 times weekly for 1 Trimester), 2-3.30 P. M. = 1 unit, leaving 1½ units elective. Elective Courses, afternoons, 2-4.30.

12 - 1 LECTURES

	MONDAY.	TUESDAY.	WEDNESDAY.
First Trimester. October to Christmas.	(a) Diseases of Children. Dr. Knox. (b) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference. Drs. Janeway and Winternitz.
Second Trimester. January to March 15.	(a) Diseases of Children. Dr. Howland. (b) Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference Drs. Janeway and Winternitz.
Third Trimester March 15 to June.	(a) Dr. Futcher. (b) Dr. Howland. (c) Dr. Geraghty.	Minor Ailments. Dr. Hamburger.	Clin. Path. Conf. Drs. Thayer and Winternitz. Medical Ethics. (2 lectures).

The courses on Tuesday, Wednesday, Friday and Saturday are obligatory, and continue throughout the year. Those on other days are elective and arranged in Trimesters, but every student must choose one of them for each day and pursue same for entire Trimester.

Medical Zoology, Thursday, 4.30 to 5.30. 1st Trimester.

ELECTIVE

MORNINGS

Medical Research,	daily 9-12 = 3	U.
Medicine (Clinical) City Hospital, Bay View, 2d and 3d Trimesters limited to four students. Dr. Boggs	daily 9-12 = 3	U.
Surgery (Major), Dr. Halsted and Staff,	daily 9-12 = 3	U.
Rectal Surgery, Monday, Wednesday and Friday. Dr. Stone,	9-12 = 1½	U.
Plastic Surgery, Tuesday, Thursday and Saturday. Dr. Davis,	9-12 = 1½	U.
Surgical Diagnosis and Pathology. Dr. Bloodgood. 12 students. Wednesday and Friday,	8-9 = ½ to 1	U.
Surgical Diagnosis and Pathology. Special Work. Dr. Bloodgood,	daily = ½ to 1½	U.
Gynecology, Monday, Wednesday and Saturday, 10 students, Drs. Kelly, Cullen and Resident,	9-12 = 1½	U.
Obstetrics, Tuesday, Thursday and Friday, 10 students. Dr. Williams and Staff,	9-12 = 1½ to 2½	U.
Children's Diseases (Major). Dr. Howland and Staff. Limited to 4,	daily 9-12 = 3	U.
Genito-Urinary (Major). Dr. Young,	daily 9-12 = 3	U.
Psychiatry (Major). Dr. Meyer and Staff,	9-12 = 3	U.
Psychiatry (Dispensary), daily except Thursday,	9-12 = 3	U.
Research, other departments,	daily 9-12 = 3	U.
Neurology (Minor). Dr. Thomas,	daily 10-11 = 1	U.
Disorders of Metabolism, Tuesday. Dr. Mosenthal,	10-12 = ⅓	U.
Phipps Dispensary: Advanced Course (3d Tri.) twice weekly, Tuesday and Friday. Dr. Austrian,	10-12 = ⅔	U.
Gastro-Intestinal. Dr. Brown, Feb.-June, Monday and Wednesday,	10-12 = ⅔	U.
Drawing as Applied to Medicine. Mr. Broedel	Tuesday, 1.30-5 = ½	U.

AFTERNOONS

Ophthalmology (Major). Dr. Theobald, Dr. Randolph and Staff,	daily 2-4.30 = 2½	U.
Orthopedics (daily, or 3 times weekly for 1 Trimester), limited to 14 students. Dr. Baer,	2-3.30 = 1	U.
Genito-Urinary (Minor for ½ Tri.). Drs. Young and Geraghty,	daily 2-3.30 = 1	U.
Dermatology (Major). Drs. Gilchrist and Lord (limited to 10),	daily 2-4.30 = 2½	U.
Dermatology (Minor, 3 times weekly for 1 Tri.). Drs. Gilchrist and Lord,	daily 2-3.30 = 1	U.
Laryngology (Major). Dr. Crowe and Staff,	daily 2-3.30 = 2½	U.
Laryngology (Minor for ½ Tri.). Dr. Crowe and Staff,	daily 2.3.30 = 1	U.
Syphilis (Minor), Monday, Wednesday, and Friday. Dr. Keidel,	2-3.30 = 1	U.
Bronchoscopy and Oesophagoscopy, 3rd Tri. Dr. Hazlehurst (Hunterian Lab.), Tuesday,	3-5 = ⅓	U.

All courses extend over one Tri

Students must take 18 units during the year:

Medicine,	6 units.
Surgery,	3 "
Obligatory afternoon exercises (Wed., Fri. and Sat.),	1 "
2 Specialties, (Ophthalmology and one minor elective),	2 "
6 Elective Units,	6 "
	18 units.

Unit or Minor Course equals 66 hours, or 6 hours a week for 1 Trimester; 2 hours a week for 1 year.

1st. Trimester October to Christmas.	2nd Trimester. January to March 15.	3rd Trimester. March 15 to June.
Group I. Group II. Group III.	Group III. Group I. Group II.	Group II. Group III. Group I.

Elective Section. Elective Courses, mornings, 9-12, and afternoons, 2-4.30.

If Genito-Urinary, Orthopedics, Neurology or Children be not taken in morning hours, Laryngology or Dermatology must be taken for half of Tri. from 2-3.30 P. M. = 1 unit, leaving ½ unit elective from 3.30 to 4.30.

AND CLINICS

Thursday.	Friday.	Saturday.
(a) Medical Clinic. Dr. Thayer. (b) Orthopedics. Dr. Baer. (c) Syphilis. Dr. Keidel. (d) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Janeway. Psychiatric Clinics. Oct. — to Jan. 1. 3.30-5.30. Dr. Meyer.
(a) Dr. Thayer. (b) Dr. Baer. (c) Dr. Keidel. (d) Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Janeway. Psychiatric Clinic. (Elective.) Bay View Hospital. 3.30-5.30.
(a) Dr. Thayer. (b) Dr. Baer. (c) Dr. Keidel. (d) Dr. Geraghty.	Surgical Clinic. Dr. Halsted. After April 1. Digestive Diseases. Dr. Brown.	Medical Clinic. Dr. Barker.

Courses may be pursued for entire year or changed each Trimester. Attendance on three of these elective courses for one Trimester = ½ unit.

Psychiatry (11 lectures), Fridays, 4.30-5.30, 1st Trimester. Subject to change.

COURSES

Obstetrical Pathology. Dr. Williams and Staff (Repeated two Tri.). Friday,	2-4.30 =	½ U.
Gynecological Dispensary. Drs. Leonard and Richardson, daily, 2 to 4 P. M., 1 Tri., sections of two students each day,	=	1/3 U.
Gynecological Pathology (Repeated three Trimesters). Drs. Cullen, or Hurdon,	2-4.30 =	½ U.
Cystoscopy. Drs. Hunner and Resident, Tuesday, Thursday, and Saturday. ½ Trimester (limited to 3 students),	2.30-4.30 =	1/3 U.
Psychiatry, Clin. demonstrations, 2d and 3d Tri., Thursday.	4.30-5.30 =	1/6 U.
Psychiatry. Dr. Berkley. 2nd Trimester, Saturday,	3.30-5.30 =	1/3 U.
Psychiatry, laboratory work as arranged.		
Psychiatric Clinic, Saturday, Sheppard Pratt Hosp., 3rd tri.	3.30-5.30	
Medical Research, daily,	2-4.30 =	2½ U.
Medical Bacteriology, laboratory, Drs. Bloomfield and Clark.		
Research in other departments, daily,	2-4.30 =	2½ U.
Experimental Pathology (Minor). Dr. Winternitz, twice weekly,	2-4.30 =	1 U.
Clinical Microscopy (3rd Tri.). Drs. Baetjer and Miller, twice weekly for ½ Tri.,	2-4 =	½ U.
Special Methods of Investigation of Infectious Diseases (2d Trimester). Drs. Bloomfield and Clark, twice weekly,	2-4.30 =	1 U.

Lectures

Genito-Urinary. Dr. Young, Monday,	3.30-4.30 =	1/6 U.
Dermatology. Dr. Gilchrist, Tuesday,	3.30-4.30 =	1/6 U.
Laryngology. Dr. Crowe, Wednesday,	3.30-4.30 =	1/6 U.
Gynecology. Dr. Kelly, Monday,	4.30-5.30 =	1/6 U.
Cardiac Arrhythmias. 2nd and 3rd Tri., Dr. Bridgman, Friday,	4.30-5.30 =	1/6 U.
Medical Urology. 1st Trimester. Dr. Keith, Thursday,	3.30-4.30 =	1/6 U.
Infectious Diseases. (2d Tri.). Dr. Bloomfield, twice weekly,	4.30-5.30 =	1/3 U.
Medical Bacteriology. Drs. Bloomfield and Clark, Tuesday,	2-3 =	1/6 U.
Hysteria and the Psychoneuroses. 2nd Tri. Dr. Campbell, Wednesday,	3.30-4.30 =	1/6 U.
Ophthalmology. Dr. Theobald, Thursday,	3.30-4.30 =	1/6 U.
Hospital Interneships. (One lecture.) Dr. Smith. Monday, December 20,	4.30-5.30	

mester, unless otherwise stated.

SUMMARY OF THE WORK.

Medical Group.	Wards, etc.,	8.30-12
	Lecture or Clinic,	12-1
	Wards, etc.,	2-4.30
Surgical Group.	Wards,	9-12
	Lecture or Clinic,	12-1
	Ophthalmology,	2-3.30
	Elective Work,	2-4.30
Elective Group.	Elective Work,	9-12
	Lecture or Clinic,	12-1
	Elective Specialties,	2-4.30

(Groups alternate each Trimester.)

APPENDIX

APPENDIX

I

ENDOWMENT

The founder of the Johns Hopkins University, in devoting his large fortune to the establishment of the University and the Hospital, had in view the organization of a school of medicine. In his letter addressed to the Trustees of the Hospital, dated March 10, 1873, these significant words occur:

"It will be your especial duty to secure, for the service of the Hospital, surgeons and physicians of the highest character and greatest skill. . . . In all your arrangements in relation to this Hospital, you will bear constantly in mind that it is my wish and purpose that the institution shall ultimately form a part of the Medical School of the University for which I have made ample provision in my will."

When the University was opened in 1876, arrangements were made for instruction in those sciences such as physics, chemistry, and biology, which lead up naturally to the professional study of medicine. In 1884 the professorship of pathology was filled and the pathological laboratory was opened. In 1889 the Johns Hopkins Hospital was opened, and the physician, surgeon, and gynecologist in chief to the Hospital were appointed to the professorships, respectively, of medicine, surgery, and gynecology and obstetrics. At the same time the professor of psychiatry was appointed. Opportunities for instruction were afforded to graduates in medicine. Ampler endowment however, was needed to complete the organization of a medical department.

Gifts amounting to $111,731.68, most of which were offered to this University in October, 1890, by a committee of women, and an additional gift of $306,977, offered to the University in December, 1892, in addition to her previous subscriptions, by Miss Mary Elizabeth Garrett, made up, with other available resources, the amount of $500,000, which had been agreed upon by the Trustees as the minimum sum to be secured for the opening of the Medical Department. These generous contributions were made upon condition that women be received upon the same terms as men.

This endowment, added to the available resources of the Johns Hopkins University and the Johns Hopkins Hospital, enabled the

Trustees to complete the organization of the Medical Department and to open it for instruction in 1893.

II

THE WOMEN'S MEDICAL SCHOOL FUND

At a meeting of the Board of Trustees of the University, October 28, 1890, the following letter was presented:

"The committee formed for the purpose of raising a fund to procure the most advanced medical education for women, can now place at your disposal the sum of one hundred thousand dollars for the use of your Medical School, if you will, by resolution, agree that women whose previous training has been equivalent to your preliminary medical course, shall be admitted to the school, when it shall open, upon the same terms which may be prescribed for men. There can be no doubt that women ought to be trained to act as nurses for sick women. There is as little doubt that a sufficient number of women ought to be educated and trained in such manner as to be fully able to care for sick women who may wish or ought to be treated by women. We have devoted ourselves to the furtherance of this object. We have reason to hope that a university which proposes to found a medical school intended to teach advanced methods in the treatment of those diseases which affect mankind, will not refuse to women the opportunity of learning such methods. There is now a general interest in our movement. In order that this interest may be sustained, we ask you to consider our offer at the earliest possible period.

NANCY MORRIS DAVIS,
Chairman of the Baltimore Committee."

The following minute was adopted by the Trustees:

The President and Board of Trustees of the Johns Hopkins University have received from Mrs. Nancy Morris Davis, chairman of one of the committees formed for the purpose of raising a fund to procure the most advanced medical education for women, the gratifying intelligence that $100,000 has been raised for the use of their intended Medical School, and is at their disposal, if they will, by resolution, agree to the terms upon which the money was contributed by its donors.

The terms are that this Board, if it accepts the funds thus raised, shall agree, by resolution, that, when its Medical School shall be

opened, women whose training has been equivalent to the preliminary medical course prescribed for men, shall be admitted in such school upon the same terms as may be prescribed for men.

The offer to this University of the particular fund is the free, voluntary act of women residing in this State and in other States, made without the suggestion or solicitation of this Board, and we accept it under and subject to the terms which are made a part of the gift, with the understanding and declaration, however, that such preliminary training in all its parts be obtained in some other institution of learning devoted, in whole or in part, to the education of women, or by private tuition.

The fund so contributed shall be invested and known as "The Women's Medical School Fund," and that fund, and all interest to accrue thereon and all additions made thereto for the same purpose, shall remain invested for the purpose of increase only until, with its aid as a foundation, a general fund has been accumulated amounting to not less than $500,000, and sufficient for the establishment and maintenance of a Medical School worthy of the reputation of this University, and fully sufficient as a means of complete medical education. Then, and not until then, will a Medical School be opened by this University; and then, and not until then, will the gift now offered be used by this University; and then, and not until then, will the terms attached thereto be operative.

The utility of a training school for women nurses has been demonstrated by the experience and practice of the Johns Hopkins Hospital, and by the necessities of home life among our people.

This Board is satisfied that in hospital practice among women, in penal institutions in which women are prisoners, in charitable institutions in which women are cared for, and in private life, when women are to be attended, there are a need and place for learned and capable women physicians; and that it is the business and duty of this Board, when it is supplied with the necessary means for opening its proposed Medical School, to make provision for the training and full qualification of such women for the abundant work which awaits them in these wide fields of usefulness.

Nothing contained in this minute shall be construed as abridging, in any manner, the right of the Board of Trustees of the Johns Hopkins University to make such rules and regulations as they may deem necessary for the government of its School of Medicine, when it is organized; and in making such rules and regulations, the terms of this minute shall always be respected and observed.

III

THE MARY ELIZABETH GARRETT FUND *

TERMS OF THE GIFT, AS ACCEPTED BY THE TRUSTEES, FEBRUARY, 21, 1893.

Miss Mary Elizabeth Garrett, in order to make up the sum of $500,000, which the Board of Trustees required should be secured as an endowment before the Medical School of the University was opened, has contributed to that fund the sum of $306,977 upon the following terms, which have been agreed to by the University:

1. That women shall enjoy all the advantages of the Medical School of the Johns Hopkins University on the same terms as men, and shall be admitted on the same terms as men to all the prizes, dignities or honors that are awarded by competition, examination, or regarded as rewards of merit.

2. That not more than $50,000 of the original endowment of $500,000 shall be expended on a building or buildings; and that in memory of the contributions of the Committees of the Women's Medical School Fund, this building, if there be but one, or the chief building, if there be more than one, shall be known as the Women's Fund Memorial Building.

3. That the Medical School of the University shall be exclusively a graduate school as hereinafter explained, that is to say: That the Medical School of the Johns Hopkins University shall form an integral part of the Johns Hopkins University, and, like other departments of the University, shall be under the management and control of the Trustees of the said University, that it shall provide a four years' course, leading to the degree of Doctor of Medicine; that there shall be admitted to the school those students only who, by examination or by other tests equally satisfactory to the Faculty of the Medical School (no distinction being made in these tests or examinations between men and women), have proved that they have completed the studies included in the Preliminary Medical Course (Group Three, Chemical-Biological Course) as laid down in the University Register (but this condition is not meant to restrict the Trustees from receiving as hearers, but not as candidates for the degree of Doctor of Medicine, those who have received the degree of Doctor of Medicine, or its equivalent, in some school of good repute); and that the degree of Doctor of Medicine of the Johns Hopkins University shall be given to no Doctor of Medicine who have not proved by examination or by other tests equally satis-

* So designated by the Trustees, September 24, 1892.

factory to the Faculty of the Medical School that they have completed the studies included in the Preliminary Courses, besides completing the course of instruction of the Medical School of the Johns Hopkins University.

The aforegoing provision shall not be construed as restricting the liberty of the University to make such changes in the requirements for the admission to the Medical School of the Johns Hopkins University or to accept such equivalents for the studies required for admission to this school as shall not lower the standard of admission specified in this clause; provided that the requirements in modern languages other than English shall not be diminished, and provided also that the requirements in non-medical scientific studies shall include at least as much knowledge of natural science as is imparted in the three minor courses in science now laid down in its university register, the subjects and arrangements of these scientific studies being subject to such modifications as may from time to time seem wise to its Board and to the Faculty of the Medical School, but being at all times the same for all candidates for admission. (For such requirements always see University Register.)

4. That the terms of this gift and the resolutions of October 28, 1890, by which the Trustees accepted the gift of the Women's Medical School Fund, shall be printed each year in whatever annual calendars may be issued announcing the courses of the Medical School. (See appended resolutions.)

5. That there shall be created a committee of six women to whom the women studying in the Medical School may apply for advice concerning lodging and other practical matters, and that all questions concerning the personal character of women applying for admission to the School, and all non-academic questions of discipline affecting the women studying in the Medical Scnool shall be referred to this committee, and by them be in writing reported for action to the authorities of the University; that the members of this committee shall be members for life; that the committee, when once formed shall be self-nominating, its nominations of new members to fill such vacancies as may occur being subject always to the approval of the Board of Trustees of the University.

6. That in the event of any violation of any or all of the aforesaid stipulations, the said sum of $306,977 shall revert to her, or such person or persons, institution or institutions, as she by testament or otherwise may hereafter appoint.

It will be observed that by the tenor of the aforegoing terms no university course will be in any way modified by any conditions attached to her gift. These conditions relate exclusively to preparation for the Medical School, and have received, in the shape in

which they are now presented, the unanimous approval of the Medical Faculty of the University.

The terms of admission to the Medical School of the University, as formulated and interpreted by the Medical Faculty of the University, February 4, 1893, and here subjoined, are therefore in entire accordance with the terms of her gift.

(Signed) MARY E. GARRETT.

REQUIREMENTS FOR ADMISSION TO THE MEDICAL SCHOOL OF THE JOHNS HOPKINS UNIVERSITY, UNANIMOUSLY APPROVED BY THE MEDICAL FACULTY, FEBRUARY 4, 1893.

A course of four years' instruction will be provided leading to the degree of Doctor of Medicine.

To this course there will be admitted as candidates for the degree:

1. Those who have satisfactorily completed the Chemical-Biological Course which leads to the A. B. degree in the University.

2. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have a good reading knowledge of French and German; (*b*) That they have such knowledge of physics, chemistry and biology as is imparted by the regular minor courses given in these subjects in this University.

3. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and the knowledge of French, German, physics, chemistry and biology already indicated.

By approved colleges and scientific schools are meant those whose standard for graduation shall be considered by this University as essentially equivalent to its standard for graduation in the undergraduate department.

It is to be understood that at least one year's study in the Chemical and Biological Sciences in their immediate relation to medicine shall be required from students after their entrance to the Medical School.

WOMEN'S COMMITTEE OF MEDICAL SCHOOL

MRS. WILLIAM H. HOWELL,
MISS M. CAREY THOMAS,
MRS. THEODORE JANEWAY,
MRS. ADOLPH MEYER,
MRS. HOWARD A. KELLY,
MRS. HENRY M. THOMAS.

Their duties are stated in paragraph 5 of the letter printed above.

IV

THE BAXLEY PROFESSORSHIP

By the will of Dr. Henry Willis Baxley, of Baltimore, who died March 13, 1876, a sum of money, amounting to $23,836.52, was received by the Trustees of the University to endow any medical professorship that they might think proper. This fund was kept intact, and was invested by the Trustees with the purpose of allowing it to accumulate until it had reached a sum more adequate to carrying out the desire of the founder. In March, 1901, upon the request of the President and the Medical Faculty, the Board of Trustees of the University directed that this fund shall be set apart to endow the Professorship of Pathology in the University, which shall hereafter be known as the Baxley Professorship of Pathology.

V

THE HERTER LECTURESHIP

In November, 1902, Dr. and Mrs. Christian A. Herter, of New York, offered to the Medical Department of the Johns Hopkins University the sum of $25,000 "for the formation of a memorial lectureship designed to promote a more intimate knowledge of the researches of foreign investigators in the realm of medical science." This gift was accepted by the Trustees of the University November 3, 1902. According to the terms of the gift, some eminent worker in Physiology or Pathology is to be asked each year to deliver a lecture at the Johns Hopkins University upon a subject with which he has been identified. The selection of a lecturer is to be left to a committee representing the departments of pathology, physiological chemistry and clinical medicine, and if "in the judgment of the committee it should ultimately appear desirable to open the proposed lectureship to leaders in medical research in this country there should be no bar to so doing." The committee named for this purpose consists of Drs. Welch, Abel and Barker.

LECTURERS ON THIS FOUNDATION

Professor Paul Ehrlich, of Frankfort.
Professor Hans H. Meyer, of Vienna.
Professor Sir Almroth E. Wright, of London.
Professor Sir Edward A. Shäfer, of Edinburgh.
Professor Hans Chiari, of Strassburg.
Professor Albrecht Kossel, of Heidelberg.
Professor George F. Nuttall, of Cambridge, England.
Professor Thomas Lewis, University College Hospital Medical School.

VI

THE ENDOWMENT OF THE JOHNS HOPKINS HOSPITAL

The intimate connection between the Medical School and the Johns Hopkins Hospital renders it proper to mention the facilities of the Hospital as an important adjunct to the endowment of the Medical School. By the letter of instruction of the founder, it was provided that the Johns Hopkins Hospital should furnish clinical facilities for the Medical School. In the purchase of the site of the Hospital, the location and arrangement of buildings, the construction of the apparatus for heating and ventilation and all other hygienic appliances, the purpose of medical instruction was constantly borne in mind. The original buildings and grounds of the Hospital, not including the Harriet Lane Home, the Phipps Psychiatric Clinic, the Marburg building, and the Brady Urological Institute and other buildings, have cost upwards of two millions of dollars. Upon the hospital grounds have been erected various buildings, which furnish ample facilities for the accommodation of 600 in-patients and many thousand out-patients, as well as a pathological laboratory, with a large autopsy amphitheatre. These buildings also provide class-rooms in connection with the out-patient department, a large clinical laboratory, a surgical building with five operating rooms, as well as rooms for the study of surgical pathology, clinic rooms, several lecture rooms, and a clinical amphitheatre, all equipped with ample apparatus for the instruction of students. The administration building furnishes accommodation for a medical staff of over fifty persons. It also has a large library and reading rooms.

VII

THE ENDOWMENT OF THE CLINICAL LABORATORY

An endowment, which benefits the Medical School through the Hospital, has been a fund of $10,000 to build and equip a clinical laboratory upon the Hospital grounds for the use of Medical students. This laboratory permits each student in the third and fourth years to have a place for clinical work, including microscopes and reagents, the use of a dark room, access to polariscopes and other instruments. It also contains rooms for special study and research.

VIII

THE FUND FOR THE STUDY OF TUBERCULOSIS

This endowment for the study of tuberculosis has been placed in the hands of the Hospital Trustees for the study of the conditions of tubercular diseases in Baltimore. Through the funds afforded it has been practicable to employ a medical graduate to follow cases of tuberculosis and to watch the effects of methods of treatment; also to secure the services of medical students and nurses to visit the homes of tubercular patients and to give instruction as to the better care of the victims of the disease. By means of this fund facilities are further afforded to students to study tubercular cases that come to the out-patient department of the Hospital.

IX

THE PHIPPS FUND FOR THE STUDY OF TUBERCULOSIS

Through the liberality of Mr. Henry Phipps, a fund of $20,000 has been given to the Hospital for the erection of a separate building in connection with the out-patient department, for the special study of tuberculosis. He also contributes an additional fund each year for its maintenance. In this building rooms are arranged for the examination and treatment of patients, for a special library on tuberculosis, and for the laboratory study of the disease. The facilities thus afforded give exceptional opportunities for the study of all forms of tuberculosis.

X

THE PHIPPS PSYCHIATRIC CLINIC

In a letter to the Trustees of the Johns Hopkins Hospital, June 12, 1908, Mr. Henry Phipps, of New York, offered the funds necessary for the erection of a psychiatric hospital, on the grounds of the Johns Hopkins Hospital, to accommodate about eighty patients and to contain the necessary laboratory equipment, hydro-therapeutic apparatus and other modern facilities for treatment. He offered, moreover, to the Trustees of the Johns Hopkins University, additional funds for the establishment of a department of psychiatry for a period of ten years from the opening of the clinic. This

generous offer was accepted by the Trustees of the University and Hospital. The building was opened with impressive ceremonies in April, 1913, and affords unsurpassed facilities.

XI

THE HARRIET LANE HOME FOR INVALID CHILDREN

By her last will, Mrs. Harriet Lane Johnston, of Washington, D. C., left a sum of over $400,000 to establish in Baltimore The Harriet Lane Home for Invalid Children as a memorial of two sons who had died in childhood. In order to give this Home the largest usefulness, its Trustees decided to erect it upon the grounds of the Johns Hopkins Hospital and to open its wards for the instruction of physicians and nurses in the diseases of children. The building, which accommodates 100 children, was opened in October, 1912, and affords facilities for the study of the diseases of children, including those of an infectious nature.

XII

THE JAMES BUCHANAN BRADY UROLOGICAL INSTITUTE

In October, 1912, Mr. James Buchanan Brady of New York offered to the Trustees of the Johns Hopkins Hospital funds sufficient for the erection and maintenance of a special building for the care of 60 patients suffering from genito-urinary disorders. This generous offer was accepted, and the building, which was opened in October, 1914, is designated as the James Buchanan Brady Urological Institute. It offers exceptional facilities for the treatment of patients, the advancement of knowledge, and the instruction of physicians and students.

XIII

THE WILLIAM H. WELCH FUND FOR CLINICAL EDUCATION AND RESEARCH

In response to the request of the Trustees of the Johns Hopkins University for funds to enable it to place the departments of Medicine, Surgery and Pediatrics upon the full University basis, the

General Education Board, in October, 1913, contributed the sum of one and one-half million dollars, as announced in the following letter:—

Dr. William H. Welch,
Chairman of the Administrative Committee,
Johns Hopkins University, Baltimore.

Dear Dr. Welch:

At a meeting of the General Education Board, held October 23, 1913, your application on behalf of the Johns Hopkins Medical School was presented for consideration. After full discussion the following resolutions were unanimously passed:

"Resolved, That the General Education Board hereby agrees to appropriate the funds necessary to carry out the full-time scheme described in Dr. Welch's letter under date of October 21, 1913, and empowers the Finance Committee to take the necessary steps looking to the execution of this agreement.

"Resolved, That, in view of Dr. Welch's great services to the cause of medical education in America, the fund appropriated as above be called "The William H. Welch Endowment for Clinical Education and Research."

With great respect, I am,
Faithfully yours,
(Signed) WALLACE BUTTRICK.

October 29, 1913.

CATALOGUE OF STUDENTS

A—List of Candidates for the degree of M. D.

B—Geographical distribution of Students, etc.

C—List of Physicians attending Graduate and Summer Courses

STUDENTS, 1915-1916

(Corrected to September 1, 1915.)

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

First Year

ENOCH HERMON ADAMS. Belgrade, Me.
A. B., Bates College, 1913.

JANE B. ARMSTRONG. Rome, N. Y.
A. B., Smith College, 1910; Graduate student, Syracuse University, 1914-15.

ALVIN GLENWOOD ATHENS. Summitville, Ind.
A. B., DePauw University, 1915.

ALBERT ADGATE BAILEY. Newport News, Va.
A. B., Randolph-Macon College, 1915.

MARY KENDRICK BENEDICT. Sweet Briar, Va.
A. B., Vassar College, 1897; Ph. D., Yale University, 1903.

DANIEL BENTON BISER. Baltimore.
A. B., Johns Hopkins University, 1915.

DUDLEY PLEASANTS BOWE. Richmond, Va.
A. B., Richmond College, 1914.

PAUL J. BOWMAN. Middletown, Pa.
A. B., Lebanon Valley College, 1915.

MOSES LEWIS BREITSTEIN. Richmond, Va.
A. B., Richmond College, 1915; Summer School, University of Michigan, 1914.

WILMER BRINTON, JR. Baltimore.
A. B., Johns Hopkins University, 1915.

EDWIN NASH BROYLES. Atlanta, Ga.
S. B., University of Georgia, 1915.

JOHN AMBROSE CLARK BUSBY. Delta, Ia.
S. B., Grinnell College, 1915.

EUGENE MORRISON CARR. Baltimore.
A. B., University of Pennsylvania, 1913; Graduate student, Johns Hopkins University, 1914-1915.

JAMES ROBERT CASH. Chattanooga, Tenn.
A. B., University of Virginia, 1914, and A. M., 1915.

HORTON RYAN CASPARIS. Austin, Tex.
A. B., University of Texas, 1915.

LELAND STANFORD CHAPMAN. Los Angeles, Cal.
S. B., Occidental College, 1915.

LAWRENCE BENJAMIN CHENOWETH. Baltimore.
A. B., Johns Hopkins University, 1914.

L. CLARENCE COHN. Baltimore.
A. B., Johns Hopkins University, 1915.

DELLA RICHARDS COULTER. Columbia, S. C.
A. B., College for Women (S. C.), 1914; Summer Quarters, University of Chicago and University of South Carolina, 1914-1915.

WINCHELL MCKENDREE CRAIG. Washington C. H., O.
A. B., Ohio Wesleyan University, 1915.

CATHERINE CREIGHTON. Evanston, Ill.
A. B., Bryn Mawr College, 1914; Graduate student, George Washington University. 1914-1915.

GEORGE WILLIAM CUMBLER. Steelton, Pa.
S. B., Princeton University, 1915.

JAMES EDWARD DAVIS. Groseclose, Va.
A. B., Roanoke College, 1915.

EDWARD CARSON DEMMOND. Savannah, Ga.
A. B., Emory College, 1915.

EDGAR EVERETT DUNCAN. Waldron, Ark.
A. B., University of Arkansas, 1915.

RALPH HARPEL DUNLAP. Baltimore.
A. B., Albright College, 1914.

JAMES RALPH DUNN. Camden, S. C.
S. B., Davidson College, 1915.

FRANKLIN GESSFORD EBAUGH. Reisterstown.
A. B., Johns Hopkins University, 1915.

JOHN MILLER TRAIN FINNEY, JR. Baltimore.
S. B., Princeton University 1915.

THOMAS SAMUEL FINNEY. Attica, Ind.
A. B., Wabash College, 1915.

HOMER GLENN FISHER. La Fontaine, Ind.
A. B., Indiana University, 1914, and A. M., 1915.

RUTH FLANIGEN. Woodbury, N. J.
A. B., Vassar College, 1909; A. M., Columbia University, 1912.

EARL NEWTON FLOWERS. Clarksburg, W. Va.
A. B., West Virginia Wesleyan College, 1915.

HELEN BLAIR GEORGE. Portland, Ore.
A. B., University of Oregon, 1913.

WATSON WOMACK GRAY. Farmville, Va.
A. B., Randolph-Macon College, 1915.

JACOB PEARL GREENBERG. New York, N. Y.
S. B., College of the City of New York, 1915. Summer Session, Columbia University, 1914.

ROBERT ROGER HANNON. Seattle, Wash.
S. B., University of Washington, 1915.

EDWARD M. HANRAHAN, JR. Binghamton, N. Y.
A. B., Cornell University, 1915.

FRANK MCCULLOUGH HARTSOOK. Cardington, O.
A. B., University of Michigan, 1915.

EDWARD NEWELL HENSON. Philadelphia, Miss.
S. B., Mississippi College, 1914; Graduate Student, 1914-1915.

RALPH DAVID HERLINGER. Warren, O.
S. B., Hobart College, 1915.

CHAMPNEYS HOLT HOLMES. Macon, Ga.
S. B., University of Georgia, 1915.

PAUL ROSCOE HOLTZ. Frederick.
A. B., Western Maryland College, 1915.

LOIS HUBBARD. Wellesley Hills, Mass.
A. B., Vassar College, 1915.

CYRIL CHRISTOPHER HUSSEY. Sidney, O.
S. B., Ohio University, 1915.

WASHINGTON CONNER HUYLER. Tenafly, N. J.
S. B., Columbia University, 1915.

ROBERT ALEXANDER JOHNSTON. Tuskegee, Ala.
S. B., University of Alabama, 1915.

HUGH WILSON JOSEPHS. Newport, R. I.
A. B., Harvard University, 1914; Graduate Student, *ibid.*, 1914-1915.

FRANK BERGNER KINDELL. Bradford, O.
A. B., Oberlin College, 1915.

HOWARD ATHOS KINNAMAN. Bowling Green, Ky.
S. B., Earlham College, 1915.

WILLIAM MINSTER KUNKEL. Harrisburg, Pa.
A. B., Franklin and Marshall College, 1915.

WILLIAM ALBERT LANDIS. Osakis, Minn.
S. B., University of Chicago, 1914.

LUCILLE LIBERLES. Baltimore.
A. B., Goucher College, 1915.

FERDINAND CHRISTIAN LIEBERKNECHT. Baltimore.
A. B., Cornell University, 1915.

WILLIAM MCINTOSH. Oberlin, O.
A. B. and A. M., Oberlin College, 1915 and 1913.

EDWARD THOMAS MCNANEY. Baltimore.
A. B., Rock Hill College, 1915.

BIRKHEAD MACGOWAN. Knoxville, Tenn.
S. B., University of Tennessee, 1915.

CLEON CARL MASON. Long Beach, Cal.
Ph. B., Grinnell College, 1909.

JOHN MERRELL MONFORT. Cartersville, Ga.
A. M., Emory University, 1915.

DORIS AUDREY MURRAY. St. John, Can.
A. B., McGill University, 1915.

LUTHER KYNER MUSSELMAN. Gettysburg, Pa.
S. B., Pennsylvania College, 1915.

NORMAN CLIVE NICHOLSON. Baltimore.
A. B., Johns Hopkins University, 1915.

JOSEPH GRANT O'BRIEN, JR. Butte, Mont.
A. B., St. Francis Xavier's College, 1914.

ALEXANDER THOMAS ORMOND, JR. Grove City, Pa.
A. B., Princeton University, 1912.

CHARLES EDWARDS PARSONS. Colorado Springs, Colo.
A. B., Amherst College, 1913, and Colorado College, 1914.

JOHN RODMAN PAUL. Philadelphia, Pa.
A. B., Princeton University, 1915.

DALTON GORDON PAXMAN. Hamilton, N. D.
A. B., University of North Dakota, 1914.

ANNA PLATT. Baltimore.
A. B., Bryn Mawr College, 1909; Graduate Student, Johns Hopkins University, 1914-15.

ROBERT EMMET PURCEL. Shamokin, Pa.
A. B., University of Michigan, 1915.

ANNE PERIL PURDY. Waterboro, Quebec.
A. B., McGill University, 1915.

ARNOLD RICH. Birmingham, Ala.
A. B. and A. M., University of Virginia, 1915.

WILLIAM FRANCIS RIENHOFF. Springfield, Mo.
A. B., Cornell University, 1915.

BENJAMIN SACKS. Baltimore.
A. B., Johns Hopkins University, 1915.

IRWIN CLEMENT SCHUMACHER. Yuba City, Cal.
A. B., University of California, 1915.

JOHN TERRELL SCOTT. Lynchburg, Va.
A. B., Randolph-Macon College, 1914.

ATALA THAYER SCUDDER. Brooklyn, N. Y.
A. B., Bryn Mawr College, 1915.

GEORGE SALVADORE STEVENSON. Vineland, N. J.
S. B., Bucknell University, 1915.

HAROLD J. STEWART. Onancock, Va.
A. B., Johns Hopkins University, 1915.

BESSIE TALBOT STRONGMAN. Boston, Mass.
S. B., University of Chicago, 1915.

FRANK CARLETON THOMAS. Roanoke, Va.
A. B., Randolph-Macon College, 1915.

MADGE DEGROFFT THURLOW. Philadelphia, Pa.
A. B., Goucher College, 1914.

PAUL EDWARD MOWER TIESING. New Haven, Conn.
Ph. B., Yale University, 1915.

CLAUDE IRVING UHLER. Baltimore.
A. B., Johns Hopkins University, 1915.

ALLEN FISKE VOSHELL. Lutherville.
A. B., Johns Hopkins University, 1915.

EMANUEL U. WALLERSTEIN. Richmond, Va.
A. B., University of Virginia, 1914.

LESLIE TILLSTON WEBSTER. Mt. Vernon, N. Y.
A. B., Amherst College, 1915.

THEODORE FREDERICK WICHMANN. Rochester, N. Y.
S. B., Muhlenberg College, 1915.

G. HUNTINGTON WILLIAMS. Baltimore.
A. B., Harvard University, 1915.

JUDSON THOMAS WILLIAMS. Colorado Springs, Colo.
A. B., Colorado College, 1915.

HENRY STUART WILLIS. High Point, N. C.
A. B., University of North Carolina, 1914.

MARK S. YOUNG. Allentown, Pa.
S. B., Muhlenberg College, 1915.

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*HAROLD LEONARD HIGGINS. Boston, Mass.
A. B., Harvard University, 1907.

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* Instructor taking partial course.

Second Year

JOHN WARD BAYLOR. Wardell, Va.
A. B., Washington and Lee University, 1914.

HARRY EDWIN BLAIR. Hagerstown.
A. B., Western Maryland College, 1914.

HERMAN JOHN BOLLINGER. Toledo, O.
S. B., Heidelberg University (Ohio), 1914.

DAVID THOMAS BOWDEN, JR. Passaic, N. J.
A. B., Johns Hopkins University, 1914.

ALBERT HOWELL BREWSTER. Atlanta, Ga.
A. B., University of Virginia, 1914.

FRIEDMAN HOLMES CATHRALL. West Pittston, Pa.
S. B., Bucknell University, 1914.

BENJAMIN MILTON CISSEL. Highland.
A. B., St. John's College, 1914.

RICHARD GILMORE COBLENTZ. Baltimore.
A. B., Johns Hopkins University, 1914.

FRANK DAVIES CONROY. Cullowhee, N. C.
A. B., University of North Carolina, 1914.

WILL G. CRANDALL. Lakota, N. Dak.
S. B., Fargo College, 1914.

LEONARD TOMB DAVIDSON. Oberlin, O.
A. B., Oberlin College, 1912.

EDGAR MORTIMER DAY. Pittsburgh, Pa.
A. B., Princeton University, 1914.

JOHN LANAHAN DORSEY. Baltimore.
A. B., Johns Hopkins University, 1914.

ETHEL COLLINS DUNHAM. Hartford, Conn.
A. B., Bryn Mawr College, 1914.

MARTHA MAY ELIOT. Boston, Mass.
A. B., Radcliffe College, 1913.

JOHN EDWARD ELMENDORF, JR. New Brunswick, N. J.
A. B., Rutgers College, 1914.

HORTENSIA AMANDA FARRALL. Batavia, N. Y.
S. B., Simmons College, 1912.

FREDERIC EUGENE BASIL FOLEY. St. Paul, Minn.
Ph. B., Yale University, 1913.

LAWRENCE STOKES FULLER. Laurens, S. C.
S. B., University of South Carolina, 1914.

LESLIE TRACY GAGER. Norwich, Conn.
A. B., Yale University, 1914.

KARL GAINES. Rome, Ga.
A. B., Mercer University, 1913.

HILDEGARDE CATHARINE GERMANN. Quincy, Ill.
A. B., Vassar College, 1913.

LAWRENCE GETZ. Baltimore.
A. B., Johns Hopkins University, 1914.

RALPH KALB GHORMLEY. Tacoma, Wash.
S. B., Whitworth College, 1914.

BLAINE RANDOLPH GOLDSBERRY. Athens, O.
S. B., Ohio University, 1914.

MICHAEL ALVORD GORE. Washington, D. C.
A. B., George Washington University, 1914.

JOHN SUMMERFIELD GREEN, JR. Gittings, Long Green.
S. B., Lafayette College, 1914.

HARRY LAVERNE GRIFFITH. Columbus, O.
A. B., Ohio State University, 1914.

GARLAND MELVIN HARWOOD. Richmond, Va.
A. B., Richmond College, 1914.

NATHAN BERNARD HERMAN. Baltimore.
A. B., Johns Hopkins University, 1914.

ROLFE LOUIS HILLMAN. St. Paul, Va.
A. B., Emory and Henry College, 1914.

ROYAL LEE HOBBS. Reisterstown.
A. B., St. John's College, 1914.

ROBERT WRIGHT HOUSEAL. Newberry, S. C.
A. B., Newberry College, 1911; A. M., University of Virginia, 1913.

JOHN GARDINER HUCK. Baltimore.
A. B., Johns Hopkins University, 1913, and Graduate student, 1913-1914.

WALTER HUGHSON. Morgantown, N. C.
S. B., Princeton University, 1914.

JOHN EDABDUEL HUISKAMP. New York, N. Y.
A. B., Harvard University, 1898; Columbia University, 1912-13.

SYLVIA LLOYD JOHNSON. Masontown, Pa.
A. B., Goshen College, 1914.

CARL FRED JORDAN. Burlington, Ia.
A. B., State University of Iowa, 1914.

LINWOOD DICKENS KEYSER. Roanoke, Va.
A. B., University of Virginia, 1914.

JOSEPH HIRAM KITE. Elkton, Va.
A. B., Randolph-Macon College, 1914.

AMOS RALPH KOONTZ. Stanley, Va.
A. B., and S. B., College of William and Mary, 1910, and A. M., 1911.

LOUIS FREDERICK KRUMREIN. Baltimore.
A. B., George Washington University, 1914.

CLIFFORD M. LANE. Washington, Pa.
A. B., Washington and Jefferson College, 1913.

CARLISLE SANFORD LENTZ. Omaha, Neb.
A. B., Creighton College, 1914.

CHARLES SUMNER LEVY. Baltimore.
A. B., Johns Hopkins University, 1914.

JENNINGS SIPE LINCOLN. Wakefield, Va.
A. B., Elon College, 1911; Graduate Student, Johns Hopkins University, 1913-1914.

EDWIN SCOTT LINTON. Washington, Pa.
A. B., Washington and Jefferson College, 1913.

IRA CLINTON LONG. Morehead City, N. C.
A. B., Trinity College (N. C.), 1914.

ALBERT SMITH MCCOWN. Lexington, Va.
A. B., Washington and Lee University, 1910.

WILLIAM FRANK MCFEE. Concord, Tenn.
A. B., University of Tennessee, 1914.

JOSEPH WATSON MARTINDALE. Camden, N. J.
Ph. B., Yale University, 1913.

JOHN GASTON MATEER. Wooster, O.
A. B., University of Wooster, 1911.

WILLIAM FREDERICK MAYER. Johnstown, Pa.
A. B., Princeton University, 1914.

GILBERT EDISON MEEKINS. Cambridge.
A. B., Washington College, 1913; Graduate Student, Johns Hopkins University, 1913-1914.

FRANK ROBERT MENAGH. Denison, Ia.
A. B., State University of Iowa, 1914.

EDITH S. MICHAEL. New York, N. Y.
A. B., Lyseum Fliegelmann, Vienna, 1911; Graduate student, Universities of Lausanne and Paris, 1912-1914.

JOHN CHALMERS MONTGOMERY. Coldwater, Mich.
A. B., University of Michigan, 1914; Medical student, *ibid.*, 1913-1914.

ISRAEL WILLIAM NACHLAS. Baltimore.
A. B., Johns Hopkins University, 1914.

WILLIAM DOVE NOBLE. Preston.
A. B., St. John's College, 1914.

ELLA OPPENHEIMER. Washington, D. C.
A. B., Bryn Mawr College, 1914.

KATHARINE PARDEE. New York, N. Y.
A. B., Wellesley College, 1912; Graduate student, Cornell University, 1913-1914.

DANIEL PHYTHYON. West Middlesex, Pa.
S. B., Westminster College (Pa.), 1914.

CLARENCE CHIPLEY PORTER. Baltimore.
A. B., Johns Hopkins University, 1914.

JOHN PAUL RANKIN. Elyria, O.
A. B., Ohio Wesleyan University, 1914.

CLARENCE ALBERT RANSOM. Washington, D. C.
S. B., Fargo College, 1914.

ELIZABETH MINTIE REESE. Gwynnbrook.
A. B., Goucher College, 1908; Summer Courses, Johns Hopkins University, 1911 and 1912.

LYLE BARNES RICH. Willow City, N. Dak.
A. B., University of North Dakota, 1914.

CHARLES WILLIAM VICTOR RICHARDS. Annandale, N. Y.
A. B., St. Stephen's College, 1914; Student, Summer School, Johns Hopkins University, 1914.

INA MAY RICHTER. Santa Barbara, Cal.
A. B., Bryn Mawr College, 1908; Summer sessions, University of California, 1912 and 1913.

ROBERT ROSEN. Detroit, Mich.
S. B., Michigan Agricultural College, 1913.

EMMETT ORREN RUSHING. San Angelo, Tex.
A. B., University of Texas, 1913.

LOUIS SACHS. Baltimore.
A. B., Johns Hopkins University, 1914.

WILLIAM JUSTUS MERLE SCOTT. Cleveland, O.
A. B., Oberlin College, 1913.

HAROLD CLINKSCALES SHIRLEY. Honea Path, S. C.
S. B., Military College of South Carolina, 1913; A. M., University of South Carolina, 1914.

WOODRUFF SMITH. Spencerport, N. Y.
A. B., Williams College, 1914.

EDWARD D. SPALDING. Detroit, Mich.
S. B., Princeton University, 1914.

KARL JOSEPH STEINMUELLER. Baltimore.
A. B., Johns Hopkins University, 1914.

HORACE GENTRY STEWART. Gallipolis, O.
S. B., Massachusetts Institute of Technology, 1914.

PHEBE STONE. New York, N. Y.
A. B., Goucher College, 1914.

ELMER RAYMOND STUMP. Atlanta, Ga.
A. B., University of Georgia, 1912.

LEE EDWARDS SUTTON, JR. Petersburg, Va.
S. B., Virginia Polytechnic Institute, 1914.

RALPH EASTERDAY SWARTS. Arkansas City, Kans.
A. B., University of Kansas, 1914.

KARL HART TANNENBAUM. Crawfordsville, Ind.
A. B., Wabash College, 1914.

CARLOS M. DEL VALLE. Santurce, P. R.
A. B., Johns Hopkins University, 1914.

VAN NOYES VERPLANCK. So. Manchester, Conn.
A. B., Yale University, 1914.

CHARLES EDWARD WAGNER. Lock Haven, Pa.
Ph. B.. Dickinson College, 1914.

JAMES ALTO WARD. Hartford, Ala.
A. B., Howard College, 1914.

LAWSON WILKINS. Baltimore.
A. B., Johns Hopkins University, 1914.

RODES ESTILL YAGER. Georgetown, Ky.
S. B., Georgetown College (Ky.), 1913.

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Third Year

JAMES BURNS AMBERSON, JR. Waynesboro, Pa.
Ph. B., Lafayette College, 1913.

JAMES KERR ANDERSON. Pittsburgh, Pa.
A. B., Washington and Jefferson College, 1913.

WALTER THOMAS ANDERSON. Washington, Pa.
A. B., Washington and Jefferson College, 1913.

JAMES LAMBERT BACCHUS. Chestertown.
A. B., Washington College, 1912; Graduate Student, Johns Hopkins University, 1912-13.

JOHN HERMAN BAIRD. Newark, O.
A. B., Kenyon College, 1913.

HORACE MCMURRAN BANKS. Shepherdstown, W. Va.
A. B., Washington and Lee University, 1913.

BURTON ELLIS BELCHER. St. Petersburg, Fla.
S. B., Florida State College, 1905.

WILLIAM CAMPBELL BLAKE. Birmingham, Ala.
S. B., Howard College, 1913.

IRENE M. BLANCHARD. Normal, Ill.
A. B., University of Michigan, 1898; Graduate Student, Univ. of Chicago, summer of 1907, Univ. of Michigan, 1911-12, and summer of 1912.

LEO BRADY. Baltimore.
A. B., Johns Hopkins University, 1913.

WILLIAM LEWIS BROSIUS, JR. Gallatin, Mo.
A. B., University of Missouri, 1915; Medical student, *ibid.*, 1913-1915.

G. BEDFORD BROWN, JR. Georgetown, Ky.
S. B., Georgetown College, 1912, and Yale University, 1913.

HUGH MAX BULLARD. Newberry, Pa.
S. B., Bucknell University, 1913.

CURLE LATIMER CALLANDER. Fargo, N. D.
A. B., Harvard University, 1913.

ALICE BERRY CARROLL. Columbus, O.
S. B., Ohio State University, 1911; Medical Dept., University of Wisconsin, 1912-1913.

JOHN MEYNARD CARTER. Columbia, Mo.
A. B., University of Missouri, 1914, and A. M., 1915; Medical student, *ibid.*, 1912-1915.

GEORGE ARTHUR CLARK. Holyoke, Mass.
S. B., Hamilton College, 1913.

HALLIE MARGUERITE CLARK. Roxbury, N. Y.
S. B., Syracuse University, 1912.

HERMAN PORTER DAVIDSON. Lexington, Va.
A. B., Washington and Lee University, 1913.

KARL HERMANN DOEGE. Marshfield, Wis.
S. B., University of Wisconsin, 1914, and Medical Department, 1912-1914.

HOWARD PHILIP DOUB. Beaver Creek.
A. B., Western Maryland College, 1913.

RAYMOND DURSTON FEAR. Holland Patent, N. Y.
A. B., Hamilton College, 1913.

HUBERT WILLIAM FOWLE. Baltimore.
A. B., Williams College, 1910.

MORRIS FRISHMAN. Pittsburgh, Pa.
S. B., University of Pittsburgh, 1913.

HERMAN ANDERSON GAILEY. Cardiff.
A. B., St. John's College, 1913.

THOMAS OWEN GAMBLE. Jasper, Ala.
S. B., University of Alabama, 1912.

LESLIE NEWTON GAY. Shamokin, Pa.
Ph. B., Lafayette College, 1913.

IRMA GOLDMAN. Kansas City, Mo.
A. B., University of Kansas, 1913.

GORDON LEWIS GROOVER, JR. Savannah, Ga.
A. B., Washington and Lee University, 1912; Graduate Student, Johns Hopkins University, 1912-13.

RUTH ALLINE GUY. New York, N. Y.
A. B., Barnard College, 1912.

GEORGE EDWARD WEBB HARDY, JR. Baltimore.
A. B., Johns Hopkins University, 1913.

FRANK WILBUR HARTMAN. Eliott, Ia.
A. B., Knox College, 1913.

ROBERT VAL HOFFMAN. Hagerstown.
A. B., St. John's College, 1913.

LESLIE BENJAMIN HOHMAN. Kansas City, Mo.
A. B., University of Missouri, 1912; Graduate student, University of Chicago, 1913.

SARAH ERNESTINE HOWARD. Boston, Mass.
A. B., Wellesley College, 1911.

WADDIE PENNINGTON JACKSON. South Hill, Va.
A. B., Randolph-Macon College, 1910; Summer School, Columbia University, 1912.

LOUIS LLEWELLYN JACOBS. Norfolk, Va.
A. B., Johns Hopkins University, 1913.

JOHN HALL JANNEY, JR. Brookeville.
S. B., Earlham College, 1913.

ROBERT WILKINSON JOHNSON, JR. Baltimore.
A. B., Princeton University, 1912.

JOSEPH KETZKY. Montgomery, Ala.
S. B., Alabama Polytechnic Institute, 1912.

MERLE WILLIAM KING. Baltimore.
A. B., Allegheny College, 1908; Summer School, Cornell University, 1911, and Johns Hopkins University, 1913-1914.

JOHN CHRISTIAN KOCH. Athens, Ga.
S. B., University of Georgia, 1904.

ALFRED C. KOLLS. LaCrosse, Wis.
S. B., University of Wisconsin, 1914 and M. S., 1915; and Medical student, 1911-1914.

FREDERICK HAMILTON LINTHICUM. Baltimore.
A. B., Loyola College, 1912; Graduate Student, Johns Hopkins University, 1912-1913.

COEN L. LUCKETT. Terre Haute, Ind.
A. B., University of Illinois, 1914, and Medical Department, 1912-1914.

JAMES SHEARER MCCARTNEY, JR. Washington, Pa.
A. B., Washington and Jefferson College, 1913.

FREDERICK FRANCIS MCGAULEY. Schenectady, N. Y.
S. B., Union College, 1912.

CLAUDE VINCENT MCMEEN. Enola, Pa.
Ph. B., Dickinson College, 1913.

MORLEY DANIEL MCNEAL. Cherokee, Ia.
A. B., State University of Iowa, 1913.

HUBERT MELVILLE MANN. Schenectady, N. Y.
A B., Union College, 1913.

ELI KENNERLY MARSHALL, JR. Baltimore.
S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911.

KARL HENRY MARTZLOFF. Portland, Ore.
A. B., University of Oregon, 1913.

KATHARINE KROM MERRITT. Stamford, Conn.
A. B., Vassar College, 1908.

GILBERT RICHARD MICKLETHWAIT. Portsmouth, O.
S. B., Ohio University, 1913.

FREDERICK A. MILLER. Hagerstown.
A. B., St. John's College, 1912.

THEODORE SIDNEY MOÏSE, JR. Savannah, Ga.
A. B., University of Georgia, 1913.

HUBERT MAURICE NICHOLSON. Muskogee, Okla.
S. B., University of Oklahoma, 1912; Medical student, Johns Hopkins University, 1912-1914.

EDWARD NOVAK. Baltimore.
A. B., Johns Hopkins University, 1913.

LOUIS ERNEST PAYNE, JR. Leonardtown.
A. B., St. John's College, 1913; Graduate Student, Johns Hopkins University, 1912-1913.

DeLos Schuyler Pulford, Jr. Tacoma, Wash.
S. B., Trinity College (Conn.), 1912.

Ralph Louis Reber. Reading, Pa.
Ph. B., Franklin and Marshall College, 1913.

John L. Rice. New Haven, Conn.
S. B., Wesleyan University (Conn.), 1912.

Irl Cephas Riggin. Windsor, Va.
A. B., Western Maryland College, 1913.

Bertram Julian Sanger. Waco, Tex.
A. B., University of Texas, 1913.

Edwin William Schultz. Hamilton.
S. B., Winona College of Agriculture, 1913; A. B., University of Michigan, 1914; Medical Department, University of Michigan, 1913-1914.

Robert G. Sharp. Chula Vista, Cal.
S. B., University of California, 1911; M. S., 1913; Ph. D., 1914; Medical student, University of California, 1911-1914, and University of Utah, 1914-1915.

Joseph Pardoe Shearer. Milton, Pa.
S. B., Bucknell University, 1913.

James Winn Sherrill. Temple, Tex.
A. B., Baylor University, 1913.

George Marsden Shipton. Pittsfield, Mass.
A. B., Williams College, 1913.

David Nathaniel Shulman. Baltimore.
A. B., Johns Hopkins University, 1913.

Eben Ellicott Smith. Dillsboro, Ind.
S. B., Moore's Hill College, 1913.

Merrill Clary Sosman. Chillicothe, O.
A. B., University of Wisconsin, 1913.

Richard Henry Staehle. Newark, N. J.
S. B., Princeton University, 1913.

Robert Boyd Stewart. Toronto, Ont.
A. B., University of Toronto, 1905, M. A., 1906, and B. Sc., 1909.

John Louis Stifel. Pittsburgh, Pa.
A. B., Harvard University, 1913.

Cyrus Cressy Sturgis. Pendleton, Ore.
S. B., University of Washington, 1913.

William Shakespeare Summers. Columbia, Mo.
A. B. and S. B., University of Missouri, 1914; and A. M., 1915; Medical student, *ibid.*, 1912-1914.

Mark Hopkins Tibbetts. Gilbert, Minn.
S. B., Parsons College, 1912.

WILLIAM SMITH TILLET. Charlotte, N. C.
A. B., University of North Carolina, 1913.

MAX TISCHLER. Wilkes-Barre, Pa.
Ph. B., Lafayette College, 1913.

NIALL FRANKLIN TWIGG. Cumberland.
A. B., St. John's College, 1913.

MARGARET TYLER. Newton Centre, Mass.
A. B., Mt. Holyoke College, 1913.

HOBART SANFORD VAN NOSTRAND. Little Neck, L. I.
S. B., Colgate University, 1913.

ROBERT ALEXANDER WEBB, JR. Louisville, Ky.
A. B., Southwestern Presbyterian University, 1910; Graduate Student, Johns Hopkins University, 1910-1913.

PAUL ASHLEY WEST. Gambier, O.
A. B., Kenyon College, 1912; Graduate Student, Oberlin College, 1912-13.

JOHN BONAR WHITE. Abbeville, S. C.
A. B., Davidson College, 1910.

GEORGE RICHARD WILKINSON. Baltimore.
S. B., Davidson College, 1912.

LOUIS ALEXANDER WITZEMAN. Akron, O.
A. B., Harvard University, 1913.

FRANK DALLAM WORTHINGTON. Bel Air.
A. B., Princeton University, 1913.

MARY WRIGHT. Great Barrington, Mass.
A. B., Vassar College, 1914.

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Fourth Year

WILLIAM WILLIS ANDERSON. Baltimore.
A. B., University of Georgia, 1911.

HERMAN S. APPLEBAUM. Baltimore.
A. B., Johns Hopkins University, 1912.

EMILY PARTRIDGE BACON. Moorestown, N. J.
A. B., Wilson College, 1912.

IRVIN C. BARCLAY. Macomb, Ill.
S. B., Knox College, 1912.

BRYAN ANDERSON BARLOW. Ashford, Ala.
S. B., University of Alabama, 1912.

HAROLD CEDRIC BEAN. Portland, Ore.
A. B., University of Oregon, 1912, and Medical Department, 1912-13.

PIO BLANCO. San Juan, P. R.
S. B., Washington and Jefferson College, 1912.

ROWLAND SILL BRIGGS. Sacramento, Cal.
S. B., University of California, 1913, and Medical Department, 1912-1914.

SAM BROCK. Carrollton, Ga.
A. B., University of Georgia, 1911.

H. HAYS BULLARD. New Orleans, La.
A. B., University of Missouri, 1908, and A. M., 1909, Medical Department, 1906-1908; Ph. D., Tulane University, 1912.

HARRY J. BURKHOLDER. Monmouth, Ill.
S. B., Monmouth College, 1912.

JOHN JOSEPH CARDEN, JR. Honolulu, H. I.
S. B., University of California, 1912.

*JAMES JULIAN CHISOLM. Natchez, Miss.
A. B., Princeton University, 1911.

PAUL WILLIAM CHRISTMAN. Berkeley, Calif.
S. B., University of California, 1912, and College of Medicine, *ibid.*, 1911-1913.

SEYMOUR GARLAND CLARK. Darien, Ga.
Ph. B., Emory College, 1912.

HENRY BROWN CONRAD. Winston-Salem, N. C.
A. B., Wake Forest College, 1912, A. M., 1913, and Medical Department, 1912-1913.

WILLIAM WALTER CUMMINGS. Providence, R. I.
A. B., Brown University, 1912.

FRANK IRONS DARROW. Fargo, N. Dak.
S. B., North Dakota Agricultural College, 1912.

HAROLD BALL DISBROW. Lakewood, N. J.
A. B., Princeton University, 1911.

JOSEPH PUGH EIDSON. Eaton, O.
A. B., Miami University, 1912.

REUBEN JOHAN ERICKSON. Galesburg, Ill.
A. B., Knox College, 1911.

JAMES ALLAN ETHERIDGE. Macon, Ga.
A. B., University of Georgia, 1912.

† RUTH ELDRED FAIRBANK. Jacksonville, Ill.
A. B., Illinois College, 1911.

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* For one trimester only.
† Two trimesters only.

LLOYD DERR FELTON. Magnolia, O.
A. B., Wooster University, 1910; Graduate Student, Columbia University.

ROY LAMAR FIELDER. Spring Valley, Va.
A. B. and S. B., Emory and Henry College, 1912.

WILLIAM PARKER FINNEY, JR. Lincoln University, Pa.
A. B., Princeton University, 1908; Graduate Student, Johns Hopkins University, 1911-12.

ROBERT GUY FULLER. Baton Rouge, La.
S. B., Louisiana State University, 1907.

HUGH CLINTON FISKE GILL. Baltimore.
S. B., Maryland Agricultural College, 1912.

ADOLPHUS BARTE GREENWOOD. Asheville, N. C.
A. B., University of North Carolina, 1910, and Medical Department, 1912-1914.

WALTER EDWARD GREMPLER. Baltimore.
A. B., Johns Hopkins University, 1912.

FERDINAND HERBERT HAESSLER. Milwaukee, Wis.
A. B., University of Wisconsin, 1914, and Medical Department, 1912-1914, and University of Chicago, Feb. 1914-June 1914.

DAVID HORACE HALLOCK. Southampton, L. I., N. Y.
A. B., Hamilton College, 1912.

HOWARD HARRISON HAMMAN. Greensburg, Pa.
S. B., Allegheny College, 1912.

MARGARET IRVING HANDY. Smyrna, Del.
A. B., Goucher College, 1911.

CHARLES MAXWELL HARMON. Cassopolis, Mich.
A. B., Lake Forest College, 1912.

JOHN WARTON HARRIS. Reidsville, N. C.
A. B. and A. M., University of North Carolina, 1911-12.

GEORGE ARGALE HARROP, JR. South Bend, Ind.
A. B., Harvard University, 1912.

THOMAS JOHANNES HELDT. Columbia, Mo.
A. B., University of Missouri, 1910, and A. M., 1912, and Medical Department, June 1912 to September 1914.

GEORGE WILLIAM HENRY. Oswego, N. Y.
A. B., Wesleyan University (Conn.), 1912.

FREDERICK KARL HERPEL. Reynoldsville, Pa.
A. B., Allegheny College, 1912.

ELIJAH MAXIE HICKS, JR. Coward, S. C.
A. B., Furman University, 1912; and A. M., 1913.

ROBERT CARHART HOOD. Clarksburg, W. Va.
A. B., Washington and Lee University, 1912.

JACK MASON HUNDLEY. Baltimore.
A. B., St. John's College, 1912.

MILDRED JENKS. Boston, Mass.
A. B., Wellesley College, 1911; Medical Department, J. H. U., 1911-1912.

ARTHUR LYMAN KINNE. Holyoke, Mass.
A. B., Dartmouth College, 1912.

JOSEPH SELL LAWRENCE. York, Pa.
A. B., Franklin and Marshall College, 1904, and A. M., 1912.

HUGH FRANCIS LENA. Lawrence, Mass.
A. B., Dartmouth College, 1912.

ASA LIGGETT LINCOLN. Lacey Spring, Va.
A. B., Elon College, 1910, and A. M., 1911.

HARRY LINDEN. Baltimore.
A. B., Johns Hopkins University, 1912.

JOHN GABRIEL LONG. Lancaster, Pa.
A. B., Franklin and Marshall College, 1912.

IRVING KENNEDY LOVETT. Little Silver, N. J.
Ph. B., Lafayette College, 1912.

LAWRENCE KINSMAN MCCAFFERTY. Columbus, O.
A. B., Kenyon College, 1912.

CHARLES LEE MCCARTHY. Princeton, N. J.
S. B., Princeton University, 1912.

PATRICK FRANCIS MCGUIRE. Piedmont, W. Va.
A. B., Rock Hill College, 1909.

EDITH HELEN MAAS. New York, N. Y.
A. B., Vassar College, 1912; Columbia University, Summer, 1912.

RICHARD S. MAJOR. Johnsonville, S. C.
A. B., Wofford College, 1909.

WALTER BRAMBLETTE MARTIN. Norfolk, Va.
S. B., Virginia Polytechnic Institute, 1909.

MILO KIRK MILLER. Urbana, Ill.
A. B., University of Illinois, 1912

WILLIAM THOMAS MITCHELL, JR. Pittsburgh, Pa.
S. B., University of Pittsburgh, 1912.

JOSEPH EARLE MOORE. Kansas City, Mo.
A. B., University of Kansas, February, 1914; Summer Session, University of Chicago, 1913-1914.

JOHN HENRY MULLIN. Wilmington, Del.
S. B., Princeton University, 1912.

David Reid Murchison. Wilmington, N. C.
A. B., University of North Carolina, 1912.

Alfred Pfitsch, Jr. Baltimore.
A. B., Western Maryland College, 1912.

Charles Bernard Pritchett. Danville, Va.
A. B., Washington and Lee University, 1912.

Thomas Craig Redfern. Clemson College, S. C.
S. B., Clemson College, 1912.

Sidney O. Reese, Jr. Randolph, Neb.
S. B., University of Nebraska, 1913, and Medical Department, 1911-13.

Horace Withers Reid. Danville, Ky.
A. B., Central University of Kentucky, 1911, and A. M., 1912.

Fred Dawson Reynolds. Brundidge, Ala.
S. B., University of Alabama, 1912.

Lawrence Reynolds. Ozark, Ala.
A. B., University of Alabama, 1912.

Francis Errett Roberts. Moundsville, W. Va.
A. B., Bethany College, 1912.

Charles Edwin Sevier. Brownsville, Tenn.
S. B., Vanderbilt University, 1912.

John Alston Sevier. Brownsville, Tenn.
S. B., Vanderbilt University, 1912.

Daniel Glen Smith. Schenectady, N. Y.
S. B., Union College, 1912.

Taylor Bivens Smith. Caldwell, O.
A. B., Marietta College, 1912.

William White Southard. Redlands, Cal.
A. B., Leland Stanford Jr. University, 1910.

James Spencer Speed. Roanoke, Va.
A. B., University of Virginia, 1912.

Richard Ernest Stifel. Pittsburgh, Pa.
A. B., Harvard University, 1912.

James Kent Stoddard. Mt. Holly, N. J.
A. B., Princeton University, 1912.

Alan Callender Sutton. Baltimore.
A. B., Johns Hopkins University, 1912.

Thomas Lynn Sutton. Zanesville, O.
A. B., University of Michigan, 1912.

Henry M. Thomas, Jr. Baltimore.
S. B., Haverford College, 1912.

JUNIUS ERNEST WARINNER, JR. Richmond, Va.
A. B., Richmond College, 1912.

THEODORA WHEELER. Fairfield, Conn.
A. B., Vassar College, 1911.

SAMUEL AUGUSTUS WHITE. Savannah, Ga.
S. B., University of South Carolina, 1912.

GEORGE BERNAYS WISLOCKI. St. Louis, Mo.
A. B., Washington University (St. Louis), 1912.

ERNEST LUDWIG ZIMMERMAN. New Bedford, Mass.
A. B., Dartmouth College, 1912.

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SUMMARY.

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Geographical Distribution of Students Enrolled and Their Places of Graduation

Alabama	9	Montana	1
Arkansas	1	Nebraska	2
California	8	New Jersey	12
Colorado	2	New York	23
Connecticut	7	North Carolina	9
Delaware	2	North Dakota	5
District of Columbia	3	Ohio	25
Florida	1	Oklahoma	1
Georgia	14	Oregon	4
Hawaiian Islands	1	Pennsylvania	36
Illinois	8	Porto Rico	2
Indiana	7	Rhode Island	2
Iowa	5	South Carolina	9
Kansas	1	Tennessee	5
Kentucky	5	Texas	4
Louisiana	2	Virginia	29
Maine	1	Washington	4
Maryland (Baltimore, 45)	66	West Virginia	5
Massachusetts	13	Wisconsin	3
Michigan	4		
Minnesota	3	*Foreign*	
Mississippi	2		
Missouri	8	Canada	3

Alabama Polytechnic Inst.	1	California, Unversity of	5
Alabama, University of	5	Central University (Ky.)	1
Albright College	1	Chicago, University of	2
Allegheny College	3	Clemson College	1
Amherst College	2	Colgate University	1
Arkansas, University of	1	College of City of N. Y.	1
Barnard College	1	College for Women (S. C.)	1
Bates College	1	Colorado College	1
Baylor University	1	Columbia University	1
Bethany College	1	Cornell University	3
Brown University	1	Creighton University	1
Bryn Mawr College	6	Dartmouth College	3
Bucknell University	4	Davidson College	3

De Pauw University	1
Dickinson College	2
Earlham College	2
Elon College	2
Emory University	3
Emory and Henry College	2
Fargo College	2
Florida State College	1
Franklin and Marshall Coll.	4
Furman University	1
Georgetown College (Ky.)	2
Georgia, University of	8
George Washington Univ.	2
Goshen College	1
Goucher College	5
Grinnell College	2
Hamilton College	3
Harvard University	9
Haverford College	1
Heidelberg Univ. (O.)	1
Hobart College	1
Howard College	2
Illinois College	1
Illinois, University of	2
Indiana University	1
Iowa, University of	3
Johns Hopkins University	33
Kansas, University of	3
Kenyon College	3
Knox College	3
Lafayette College	5
Lake Forest University	1
Lausanne, University of	1
Lebanon Valley College	1
Leland Stanford Jr. Univ.	1
Louisiana State University	1
Loyola College	1
McGill University	2
Marietta College	1
Maryland Agricultural Coll.	1
Mass. Inst. of Technology	1
Mercer University	1
Miami University	1
Michigan, University of	6
Michigan Agric. Coll.	1
Mississippi College	1
Missouri, University of	6
Monmouth College	1
Moore's Hill College	1
Muhlenberg College	2
Mt. Holyoke College	1
Nebraska, University of	1
North Carolina, Univ. of	6
N. Dakota Agri. College	1
North Dakota, Univ. of	2
Oberlin College	4
Occidental College	1
Ohio State University	2
Ohio University	3
Oklahoma, University of	1
Oregon, University of	3
Parson's College (Ia.)	1
Pennsylvania College	1
Pennsylvania, University of	1
Pittsburgh, University of	2
Princeton University	17
Radcliffe College	1
Randolph-Macon College	6
Richmond College	4
Roanoke College	1
Rock Hill College	2
Rutgers College	1
Simmons College	1
Smith College	1
South Carolina, Univ. of	3
Southw'tn Presbyterian Univ.	1
St. Francis Xavier College	1
St. John's Coll. (Annapolis)	9
St. Stephen's College	1
Syracuse University	1
Tennessee, University of	2
Texas, University of	2
Toronto University	1
Trinity College (Conn.)	1
Trinity College (N. C.)	1
Union College	3
Vanderbilt University	2
Vassar College	8

Virginia Polytechnic Inst...	2
Virginia, University of.....	7
Wabash College.....	2
Wake Forest College.....	1
Washington, University of...	3
Washgtn. Univ. (St. Louis).	1
Washington College.....	2
Washington & Jefferson Coll.	6
Washington and Lee Univ...	7
Wellesley College.....	3
Wesleyan Univ. (Conn.)....	2
Wesleyan Univ. (Ohio).....	2
Western Maryland College..	5
West Virginia University...	1
Whitworth College.....	1
William and Mary, Coll. of..	1
Westminster College (Pa.)..	1
Williams College.....	3
Wilson College.....	1
Wisconsin, University of....	4
Wofford College.....	1
Wooster, University of.....	2
Yale University	5

PHYSICIANS ATTENDING GRADUATE COURSES DURING 1914-1915

ROBERT L. BONE. Madisonville, Ky.
M. D., Vanderbilt University, 1882. *Medicine and Neurology.*

ALFRED W. BROWN. Baltimore.
M. D., Tufts College Medical School, 1913. *Hygiene.*

ARTHUR L. BROWN. Winchester, Mass.
M. D., Tufts College Medical School, 1908. *Surgical Pathology.*

HENRY R. CARTER. Baltimore.
M. D., University of Pennsylvania, 1908. *X-Ray Diagnosis.*

LAURENCE B. CHENOWETH. Baltimore.
A. B., Johns Hopkins University, 1914. *Histology and Bacteriology.*

HARRY H. EBBERTS. Buffalo, N. Y.
M. D., University of Buffalo, 1904. *X-Ray Diagnosis.*

DAVID FRANKLIN. Baltimore.
M. D., University of Maryland, 1908. *Urology.*

ELEANORA FRY. Rochester, Minn.
Pratt Institute, Brooklyn; Art Students' League, N. Y. *Art as Applied to Medicine.*

ARCHIE GRIFFIN. Valdosta, Ga.
M. D., Louisville Medical School, 1894. *Digestive Diseases.*

ENOCH H. HARSH. Magnolia, O.
M. D., Baltimore Medical College, 1901. *Genito-Urinary Diseases.*

CHARLES L. JOSLIN. Sudlersville.
M. D., University of Maryland, 1912. *Medicine.*

LEWIS W. KOHN. Scranton, Pa.
M. D., University of Maryland, 1910. *Gastro-Intestinal Diseases.*

CLARA L. MCCORD. Baltimore.
M. D., Maryland Medical College, 1913. *Pediatrics.*

JOSEPH MICKLER. Tampa, Fla.
M. D., University of Tennessee, 1914. *X-Ray Diagnosis.*

E. FRANC MORRILL. Chicago, Ill.
M. D., Northwestern Woman's Medical College, 1891. *Medicine, Pediatrics, Gross Anatomy, and Obstetrical Pathology.*

HARRY P. POSTON. Bonne Terre, Mo.
M. D., Washington University, 1907. *Genito-Urinary Diseases.*

SUSAN G. RAMSDELL. Washington, D. C.
S. B., University of Texas, 1904. *Pathology and Physiological Chemistry.*

TAMAS SAITO. Hongo, Tokyo, Japan.
M. D., University of Tokyo, 1907. *Psychiatry.*

ANNA FRANCEL SCHULTZ (Mrs.) Hamilton.
Winona College, 1910-13. *Art as Applied to Medicine.*

HAROLD SCHWARTZ. Butte, Mont.
M. D., University of Michigan, 1911. *Genito-Urinary Diseases.*

JOHN F. SHOEMAKER. St. Louis, Mo.
M. D., Medical and Chirurgical Faculty of Philadelphia, 1893. *Medicine.*

HARRY G. STEELE. Bluefield, W. Va.
M. D., College of Physicians and Surgeons (Balt.), 1908. *Pathology.*

LESLIE G. TAYLOR. Perryville.
M. D., University of Maryland, 1895. *Hygiene.*

MADGE THURLOW. Baltimore.
A. B., Goucher College, 1914. *Physiology, Histology, and Physiological Chemistry.*

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PHYSICIANS ATTENDING SUMMER COURSES, 1915

CARL A. ANDERSON. Eureka, Calif.
M. D., University of Minnesota, 1905. *Full Course.*

WALTER H. BAKER. South Bend, Ind.
M. D., Indiana University School of Medicine, 1907. *Full Course.*

GIDEON BENSON. Richland Center, Wis.
M. D., Rush Medical College, 1904. *Full Course.*

EDGAR W. BOARDMAN. Parsons, Kans.
M. D., Hahnemann Medical College (Chicago), 1894. *Full Course.*

CHARLES J. BRESEE. Hoopeston, Ill.
M. D., Hahnemann Medical College (Chicago), 1908. *Full Course.*

WILLIAM D. CAMPBELL. Hagerstown.
M. D., University of Maryland, 1906. *Full Course.*

HENRY R. CARTER, JR. Baltimore.
M. D., University of Pennsylvania, 1908. *Full Course.*

JOHN S. CHERRINGTON. Logan, O.
M. D., State University (Columbus, O.), 1897. *Full Course.*

WILLIAM L. CLAPPER. St. Louis, Mo.
M. D., Medical Department, Washington University, 1904. *Full Course.*

HAZLETT A. DELCHER. Baltimore.
M. D., University of Maryland, 1907. *Eye.*

SYLVESTER E. DONOVAN. New Bedford, Mass.
M. D., New York University, 1894. *Full Course.*

JAMES B. DOUGHERTY. New Berlin, O.
M. D., Ohio Medical University (Columbus), 1903. *Full Course.*

THEODORE M. DUBOSE, JR. Columbia, S. C.
M. D., Medical College of South Carolina (Charleston), 1910. *Pediatrics.*

DOUGLAS F. DUVAL. Baltimore.
M. D., University of Virginia, 1894. *Surgical Course.*

LOUIS H. FLIGMAN. Helena, Mont.
M. D., University of Minnesota, 1901. *Full Course.*

DAVID FRANKLIN. Baltimore.
M. D., University of Maryland, 1908. *Urology.*

E. ROY GARDNER. Pittsburgh, Pa.
M. D., University of Pennsylvania, 1895. *Metabolism and Circulation.*

JOHN B. GORDON. Shawano, Wis.
M. D., Rush Medical College, 1903. *Full Course.*

AUSTIN M. GROVE. York, Pa.
M. D., Jefferson Medical College, 1902. *Nose, Throat and Eye.*

CARL HABICH. Indianapolis, Ind.
M. D., Indiana Medical College, 1909. *Full Course.*

PHILIP F. HEROD. Alva, Okla.
M. D., University Medical College (Kansas City), 1908. *Eye, Nose and Throat.*

FREDERICK E. HESSER. Baltimore.
M. D., Southern Homeopathic College, 1904. *Clinical Microscopy.*

FRANK N. HOFFMEIER. Hagerstown.
M. D., Hahnemann Medical College (Philadelphia), 1903. *X-Ray Diagnosis.*

BENJ. A. HOOVER. Wrightsville, Pa.
M. D., Medical and Chirurgical Faculty (Philadelphia), 1901. *Neurology.*

ELIZABETH KEAY. Wheeling, W. Va.
M. D., Woman's Medical College (Balto.), 1910. *Full course.*

THOMAS G. KILLEEN. Scranton, Pa.
M. D., Medical and Chirurgical (Phila.), 1910. *Full Course.*

FREDERICK W. LESTER. Seneca Falls, N. Y.
M. D., College of Physicians and Surgeons (N. Y.), 1894. *Full Course.*

VANN MCKEE LONG. Winston-Salem, N. C.
M. D., North Carolina Medical College, 1906. *Full Course.*

ANNETTE M. MCINTIRE. Batavia, Ill.
M. D., Chicago College of Medicine and Surgery, 1913. *Neurology.*

DAVID H. MCKINLEY. Winchester, Ky.
M. D., Louisville Medical School, 1908. *Full Course.*

EMANUEL MANKO. Kansas City, Mo.
M. D., University Medical College (Mo.), 1905. *Full Course.*

HUGH M. MILLER. South Bend, Ind.
M. D., Northwestern University, 1902. *Full Course.*

EDWARD W. MISAMORE. Cygnet, Ohio.
M. D., Ohio Medical University, 1906. *Full Course.*

LEON A. PEEK. West Palm Beach, Fla.
M. D., College of Physicians and Surgeons (Balt.), 1897. *Full Course.*

WILLIAM H. PERRY. Sterling, Ill.
M. D., Northwestern Medical School, 1908. *Full Course.*

LIONEL P. PLAYER. Modesto, Calif.
M. D., Tulane University, 1914. *X-Ray Diagnosis and Cystoscopy.*

LAKE POLAN. Baltimore.
M. D., Baltimore Medical College, 1904. *Eye, Nose and Throat.*

CHARLES REA. York, Pa.
M. D., Medical and Chirurgical (Phila.), 1894. *Metabolism.*

WILLIAM D. REDUS. Port Gibson, Miss.
M. D., Bellevue Medical College, 1878. *Full Course.*

JOHN A. RIEBEL. Columbus, Ohio.
M. D., Ohio Medical University, 1901. *Full Course.*

FRANK C. ROTE. Ellsworth, Pa.
M. D., University of Pittsburgh, 1909. *Full Course.*

JAMES P. H. RUDDY. Scranton, Pa.
M. D., Denver University, 1907. *Full Course.*

NATHAN SILVERSTEIN. Scranton, Pa.
M. D., Jefferson Medical College, 1909. *Full Course.*

HENRY T. SMITH. McGehee, Ark.
M. D., University of Tennessee (Memphis), 1910. *Clinical Microscopy.*

WILLIAM F. SPAULDING. Greeley, Colo.
M. D., Rush Medical College, 1902. *Full Course.*

CHARLES C. TERRY. South Bend, Ind.
M. D., Chicago College of Physicians and Surgeons, 1889. *Full Course.*

GEORGE C. TILLMAN. Jacksonville, Fla.
M. D., Atlanta Medical College, 1914. *Full Course.*

MARION TRUEHEART. Sterling, Kans.
M. D., Kansas City Medical School, 1904. *Full Course.*

BEVERLEY TUCKER. Colorado Springs, Colo.
M. D., University of Virginia, 1889. *Obstetrics, Pediatrics, and Gynecology.*

CHARLES W. VATES. Pittsburgh, Pa.
M. D., University of Pittsburgh, 1912. *Pediatrics.*

MYER A. WEINBERG. Baltimore.
M. D., University of Maryland, 1905. *Ear, Nose and Throat.*

GOTTLIEB WERLEY. El Paso, Texas.
M. D., George Washington University, 1894. *Full Course.*

ARTHUR J. WHEELER. Washington, D. C.
M. D., George Washington University, 1908. *Eye and Surgery.*

CECIL H. WILSON. Bartow, Fla.
M. D., Atlanta College of Physicians and Surgeons, 1913. *Obstetrics.*

PEREGRINE WROTH. Hagerstown.
M. D., Johns Hopkins University, 1906. *Rectal Surgery, Gynecology III and IV.*

JOHN H. YOUNG. Rock Springs, Wyo.
M. D., Ohio Medical University (Columbus), 1900. *Gynecology and Obstetrics.*

CHARLES A. ZEIGLER. Amboy, Ill.
M. D., Chicago College of Physicians and Surgeons, 1908. *Full Course.*

AMELIA ZIMMERMAN. Baltimore.
M. D., Southern Homeopathic Medical School, 1895. *Pediatrics and Metabolism.*

WALTMAN F. ZINN. Baltimore.
M. D., College of Physicians and Surgeons (Balt.), 1911. *Clinical Microscopy.*

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REGISTER OF GRADUATES OF THE MEDICAL DEPARTMENT OF THE JOHNS HOPKINS UNIVERSITY

A—List of Doctors of Medicine of the Johns Hopkins University

B—Places of residence of the Medical Graduates of the Johns Hopkins University

C—Publications of the Instructors and Graduates of the Medical Department of the Johns Hopkins University

DOCTORS OF MEDICINE OF THE JOHNS HOPKINS UNIVERSITY

When no institution is mentioned, the degree or position refers to the Johns Hopkins University or the Johns Hopkins Hospital. *Deceased. R. H. O.=Resident House Officer.

Students receiving degrees at other times than the Commencement in June are placed in a separate group at the end of each class list.

ALUMNI ASSOCIATION

On May 6th, 1910, the Johns Hopkins Medical School Alumni Association was organized for the purpose of preserving and fostering the devotion of the alumni to their alma mater. Two successful reunions have been held. It is intended that these gatherings be in Baltimore every three years, in connection with the sessions, in Washington, of the Congress of American Physicians and Surgeons, or at such times as the Executive Committee shall designate. The present officers are: President, Thomas R. Brown, '97, of Baltimore; Secretary, Walter R. Steiner, '98, 4 Trinity St., Hartford, Conn.; Treasurer, J. Albert Chatard, '03, of Baltimore; Executive Committee, Charles R. Bardeen, '97, of Madison; William G. MacCallum, '97, of New York; Henry A. Christian, '00, of Boston; Rufus I. Cole, '99, of New York, and Albion W. Hewlett, '00, of Ann Arbor.

The name of each *Class Secretary* is placed at the foot of his class list.

1897

Bardeen, Charles Russell—A. B. Harvard 1892; Asst. Assoc. and Assoc. Prof. of Anat. 1897-04.—Prof. of Anat. and Dean Med. Sch. Univ. of Wisc. Madison.

Brown, Thomas Richardson—A. B. 1892; R. H. O. 1897-98; Asst. Phys. and Assoc. in Med. 1898-14.—Assoc. Ed. Maryland Med. Jour.; Assoc. in Clin. Med. and Phys. in Chg. Gastro-Intest. Diseases; Physician, Baltimore.

***Davis, Walter S.**—S. B. Amherst 1893; R. H. O. 1897-98.

Hamburger, Louis Philip—A. B. 1893; R. H. O. 1897-98; Assoc. and Phys. in Chg. Med. Clinic J. H. Disp. 1898-14.—Attend. Phys. Union Prot. Infirmary, Hosp. for Women of Md., Church Home and Infirmary, Children's Convales. Home; and Assoc. in Clin. Med. and Dispen. Phys. and Physician, Baltimore.

Hunner, Guy LeRoy—S. B. Wisconsin 1893; R. H. O., Asst. Res. and Res. Gynecol. and Instr. 1897-02.—Assoc. in Clin. Gynecol. and Asst. Visit. Gynecol. Physician, Baltimore.

Lyon, Irving Phillips—A. B. Yale 1893; R. H. O. 1897-98.—Asst. Prof. Clinical Med. and Librarian Univ. of Buffalo; Asst. Attend. Phys. Buffalo Gen'l Hosp. and Physician, Buffalo, N. Y.

MacCallum, William George—A. B. Toronto 1894; R. H. O., Res. Bacterio. and Asst. Res. Pathol. 1897-00; Assoc. Prof. of Pathol. 1900-08; Prof. Path. Physiol., Lec. in Forensic Med. 1908-09 and Res. Path. 1900-09.—Visit. Pathol. Presbyterian Hosp. and Prof. Pathol. Columbia, N. Y.

McBryde, Charles Neil—S. B. South Carolina 1891; M. S. Va. Polytech. Inst. 1892; Ph. D. George Washington 1911.—Senior Bacteriol. Dept. of Agriculture, Washington, D. C.

Mitchell, James Farnandis—A. B. 1891; R. H. O., Asst. Res. and Res. Surg. and Instr. in Surgery 1897-02.—Surg. Providence Hosp. and Surgeon, Washington, D. C.

Nichols, Joseph Longworth—A. B. Harvard 1893; Fellow in Pathol. 1897-98; Student, Berlin 1898-99.—Asst. in Lab. Saranac Lake, N. Y.

Opie, Eugene Lindsay—A. B. 1893; R. H. O., Fellow, Asst. Instr. and Assoc. in Path. 1897-04; Mem. Rockefeller Institute for Med. Research, N. Y.; Pathol. Presbyterian Hosp.; Co-editor Jour. Exp. Med. N. Y. 1904-10; Dean, Washington Univ. Med. Sch. 1912-15.—Prof. of Pathol. Washington Univ. Med. Sch. St. Louis.

Packard, Mary Secord—A. B. Vassar 1892; Harvard Summer Sch. 1893; R. H. O. 1897-98; Physician Kingsley House (Coll. Settlement), Pittsburgh 1898-00; Pathol. New Eng. Hosp. Boston 1902-03.—Centredale, R. I.

Pancoast, Omar Borton—S. B. Swarthmore 1893; R. H. O. 1897-98; Res. Surg. Union Prot. Infirmary 1898-00.—Dispen. Surg. and Instr. in Clin. Surg.; Surgeon Baltimore.

Penrose, Clement Andariese—A. B. 1893; R. H. O. 1897-98.—Member Visit. Staff Church Home and Infirmary, and Physician, Baltimore.

Strong, Richard Pearson—Ph. B. Yale 1893, and Sc. D. 1914; R. H. O. 1897-98; Asst. Surg. U. S. Army, in charge Army Path. Lab. Manila, 1899-01; Chief Gov't Biol. Lab'y, U. S. A. Phys. in Chief, Philippine Gen'l Hosp. and Prof. Tropical Med. The Philippine Med. Sch. Manila, 1901-13.—Prof. Tropical Med. and Chief of Dept. Harvard Med. Sch. Boston.

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Class Secretary — Louis P. Hamburger, 1207 Eutaw Pl., Baltimore.

1898

Baer, William Stevenson—A. B. 1894; R. H. O. and Asst. Res. Surg. 1898-00; Asst. Inst. and Assoc. in Orthoped. Surg. 1900-10. — Visit. Orthoped. Surg. Cambridge Hosp., Union Prot. Infirmary, Church Home, Robt. Garrett Hosp. for Children and Home for Incurables; Surg. in Chg. Ortho. Disp. and Assoc. Prof. Clin. Ortho. Surg.; Member Alumni Council.

Calvert, William Jephtha—A. B. Kentucky 1893; 1st Lieut. and Asst. Surg. U. S. A. Fort McHenry 1898-02; Lect. Trop. Diseases, Washington Univ. St. Louis 1902-03; Prof. Phys. Diag. and Clin. Pathol. Univ. of Missouri 1903-09; Baylor Univ. Dallas, Texas 1910-11; Prof. Prevent. Med. Univ. of Mo. Columbia 1911-14.—Physician, Dallas, Tex.

Cassidy, Patrick Joseph — A. B. Yale 1894; Asst. Res. Phys. Backus Hosp. 1898-99; Visit. Surg. Harris Mem. Hosp. 1899-06.—Visit. Pathol. and Surg. Backus Mem. Hosp.; Councilor Conn. State Med. Assn. and Physician, Norwich, Conn.

***Coe, John Williams**—Ph. B. Yale 1893; Senior Asst. House Staff Presbyterian Hosp. N. Y. 1898-1899, and Res. Phys. 1899-00.—Asst. Clin. Pathol. Cornell Univ. and Physician, N. Y. (Died at New York, March 6, 1911.)

Dawson, Percy Millard — A. B. 1894; Fellow, Asst. Instr. Assoc. and Assoc. Prof. of Phys. 1898-09; Spec. Student, Harvard Div. Sch. Cambridge, Mass. 1909-10; Minister 1st Unitarian Church, Ann Arbor, Mich. 1910-12.—Asst. Prof. of Physiol. Univ. of Wis. Madison.

Elting, Arthur Wells—A. B. Yale 1894; R. H. O. 1898-99; Asst. in Pathol. Albany Med. Sch. 1899-00.—Surg. Child's Hosp., Albany Hosp., St. Peter's Hosp.; Prof. of Surg. Albany Med. Sch. Surgeon, Albany, N. Y.

Ford, William Webber—A. B. Adelbert 1893; D. P. H. McGill 1900; R. H. O. 1898-99; Fellow, Pathol., McGill Univ. 1899-01; Fellow, Rockefeller Inst. for Med. Research, Inst. for Infect. Dis. Berlin 1901-02, and J. H. U. 1902-03; Instr. and Assoc. in Bacteriol. 1903-06.—Assoc. Prof. of Hyg. and Bacteriol. and Lect. in Legal Medicine.

Hastings, Thomas Wood—A. B. 1894; R. H. O. 1898-99; Surg. Hospital Ship "Maine" 1899-00.—Prof. Clin. Pathol. Cornell Univ. Med. Coll.; Asst. Attend. Phys. Bellevue Hosp.; Physician, N. Y.

Herrick, Alfred Birch—A. B. Williams 1894; R. H. O. 1898-99; Res. Phys. National Soldiers Home 1899-00; Res. Surg. Barnes Hosp. Washington, D. C. 1900-04.—Chief Surg. Clinic, Ancon Hosp. C. Z.

Knox, James Hall Mason, Jr. — A. B. Yale 1892, and Ph. D. 1894, A. M. Lafayette 1896; R. H. O., Asst and Instr. in Ped. 1898-09.—Asst. Visit. Pediatrician, Dispen. Phys. and Assoc. in Clin. Ped.; Phys. in Charge, The Thomas Wilson Sanitarium; Med. Direct. Babies Milk Fund Assn. and Physician, Baltimore; Member Alumni Council.

Langfeld, Millard—A. B. 1893. — Prof. Clin. Med. Creighton Med. Coll.; Bacteriol. Omaha City B'd Health; Phys. St. Joseph's and Contagious Hospitals; Member Omaha Milk Com.; Physician, Omaha, Neb.

Light, Gertrude Underhill—S. B. Wisconsin 1894; Phys. Randall's Island Hosp. for Children N. Y. 1898-99; Dmnstr. Pathol. Wisconsin Coll. of P. and S. 1899-00; Clinical Asst. Bellevue Hosp. Disp. 1900-02.—Sanitary Inspec. Tenement House Dept. New York.

Madison, James Daniel—S. B. Wisconsin 1894; R. H. O. 1898-99; Asst. Res. Phys. Danvers Insane Hosp. Mass. 1899-02. — Visit. Phys. Milwaukee Hosp. Johnson Emerg. and County Hospitals, Prof. Clin. Med. Marquette Univ. Med. Sch. and Physician, Milwaukee.

Marshall, Harry Taylor — A. B. 1894; R. H. O. 1898-99; Fellow 1899-00; Asst. Res. Pathol. and Instr. in Pediatrics 1900-06; Pathol. Bureau of Science, and Prof. Pathol. and Bacteriol. Sec. and Registrar, The Philippine Med. Sch. Manila 1906-08.—Mbr. Tuber. Comm.; Prof. Pathol. and Bacteriol. Univ. of Va. Charlottesville.

Perkins, Roger Griswold—A. B. Union 1893, and Harvard 1894; Res. Pathol. Lakeside Hosp. Cleveland 1898-01; Lect. in Bacteriol. West. Reserve Med. Sch. Cleveland 1901-04; Asst. and Assoc. Prof. of Pathol. and Bacteriol. 1904-10.—Prof. of Hygiene and Preventive Med.; Chief Lab. Div. Health, Dept. Pub. Welfare, Cleveland.

Porter, Katherine — A. B. Bryn Mawr 1894; House Phys. and Asst. Surg. N. Y. Infirmary for Women and Children 1898-04; Externe Orange Mem. Hosp. Disp. 1900-07.—Phys. Children's

Aid and Protective Society of the Oranges; Med. Insp. Orange Public Schools, and Physician, Orange, N. J.

Pratt, Joseph Hersey — Ph. B. Yale 1894; A. M. Harvard 1901; Asst. Pathol. City Hosp. Boston 1898-00; Instr. Pathol. Harvard; Asst. Visit. Pathol. City Hosp. and Asst. Pathol. Children's Hosp. Boston 1900-02.—Instr. in Med. Harvard; Asst. Visit. Phys. Mass. Gen'l Hosp. Boston; Consult. Phys. Brockton Hosp. and Rufus S. Frost Hosp. of Chelsea; Phys. Boston; Member Alumni Council.

Sands, Georgiana—A. B. Vassar 1893; Grad. Student, Barnard 1893-94; R. H. O. 1898-99—Physician, Port Chester, N. Y.

Schenck, Benjamin Robinson—A. B. Williams 1894; R. H. O., Asst. Res. and Res. Gynecol. and Instr. 1898-03.—Assoc. Prof. Gynecol. Detroit Coll. Med. and Surg.; Gynecol. Harper Hosp.; Consult. Obstet. Woman's Hosp. and Physician, Detroit.

Steiner, Walter Ralph—A. B. Yale 1892, and A. M. 1895; Grad. Student 1892-94; R. H. O. 1898-99; Asst. Visit. Phys. Hartford Hosp. Conn. 1905-07, Pathol. and Bacteriol. 1901-12; Sec. Conn. State Med. Soc. 1905-12.—Consult. Pathol. and Bacteriol. and Visit. Phys. Hartford Hosp.; Consult. Phys. Middlesex Hosp. and Hartford Orphan Asylum; Sec'y Cong. Amer. Physicians and Surgeons; Physician, Hartford.

Walker, Emma Elizabeth—A. B. Smith 1187.—Asst. Surg. Hosp. for Ruptured and Crippled; Mem. N. Y. Co. and State Med. Soc. N. Y. Acad. of Med., Woman's Med. Assn., Women's Med. Soc. of N. Y. State, Lect. for Amer. Soc. Sanitary and Moral Prophylaxis, and Physician, New York.

***Whitridge, Andrew Henderson**—S. B. Harvard 1894; R. H. O. 1898-99. (Died, March 19, 1912.) (22)

Class Secretary—William W. Ford, 1027 Cathedral St., Baltimore.

1899

Brownell, Edward Erle—Ph. B. Yale 1895; R. H. O. 1899-00.—311 California St., San Francisco.

Buckler, Humphrey Warren—A. B. 1895; R. H. O. and Asst. in Obstet. 1899-06; Mem. State Tuberculosis Comm.; Attend. Phys. Md. Hosp. for Consumptives; Supt. Dr. H. A. Kelly's Private Hosp., and Physician, Baltimore.

Cole, Rufus Ivory — S. B. Michigan 1896; R. H. O., Asst. Res., Res. Phys. and Med. Adviser to Med. Students 1899-07; Asst. Phys.; Assoc. in Med. in Chg. Biol. Div. of Med. Clinic 1907-09.—Med. Director, Rockefeller Hospital, N. Y.

Davis, John Staige—Ph. B. Yale 1895; R. H. O. 1899-00; Res. Phys. Union Protestant Infirmary 1900-03.—Dispen. Surg. and Instr. in Clin. Surg.; Surgeon, 1200 Cathedral St., Baltimore.

Emerson, Charles Phillips—A. B. Amherst 1894; R. H. O.; Instr. in Med. and Asst. Res. Phys. in Chg. of Clin. Lab. 1899-05; Res. Phys.; Med. Adviser to Students and Assoc. in Med. 1905-08; Supt. Clifton Spgs. Sanitarium, N. Y. 1908-1911.—Dean and Prof. of Med. Indiana Univ. Sch. of Med. Indianapolis.

Epler, Blanch Nettleton—S. B. California 1895; House Phys. Randall's Island Hosp. for Children, and Interne N. Y. Infirmary for Women and Children 1899-00.—City Bacteriol. and Exam. for State Sanatorium for Tuberculosis; Instr. Anat. and Physical Exam. West State Normal, and Physician, Kalamazoo, Mich.

Erlanger, Joseph—S. B. California 1895; R. H. O.; Fellow in Pathol.; Asst. Instr. Assoc. and Assoc. Prof. of Physiol. 1899-06; Prof. of Physiol. Univ. of Wisconsin, Madison, 1906-10.—Prof. of Physiology, Washington Univ. St. Louis.

Evans, Philip Saffery, Jr.—A. B. Yale 1895; Intercollegiate Sec. Y. M. C. A. Balt. 1899-00; Clin. Asst. in Surg. 1900-01; Med. Missionary, Yang Chow, China, 1901-11.—Prof. Pathol. Med. Dept. Univ. Nanking, Nanking, China.

Follis, Richard Holden—Ph. B. Yale 1895; Externe; Asst. Res. Surg., Res. Surg. and Inst. in Surg. 1899-05.—Dispen. Surg., Assoc. in Clin. Surg. and Asst. Visit. Surg.; Surgeon, Baltimore.

Fulton, Frank Taylor—S. B. Knox 1894; A. B. 1895; Pathol. Interne, City Hosp. Boston 1899-00; Pathol. and Director Pathol. Lab. R. I. Hosp. 1900-09.—Visit. Phys. R. I. Hosp.; Consult. to Pawtucket Mem. Hosp., Prov. City Hosp. and Woonsocket Hosp. and Physician, Providence.

***Gallagher, James Daton**—A. B. 1895; Phys. Private Wards, Lakeside Hosp. Cleveland, 1899-00.

Harris, Henry—A. B. Stanford 1895; R. H. O. 1899-00.—Instr. Princ. and Prac. of Med. and Visit. Phys. Hebrew Orphan Asylum, Cal., Women's Hosp. and Mt. Zion Hosp. and Physician, San Francisco.

Hoye, Henry Joseph — A. B. Brown 1895; Surg. Interne, and House Surg. City Hosp. Boston 1899-01.—Asst. Visit. Surg. R. I. Hosp.; Physician, Providence.

Ladd, Louis Williams—A. B. Yale 1895; Acting Asst. Res. Phys. 1899-00; Res. Phys. Lakeside Hosp. 1900-01.—

Lect. Clin. Micro. Western Reserve Univ.; Clin. Microscopist, Lakeside Hosp. Cleveland.

*Little, Charles Sumner—A. B. Wabash 1894, and A. M. 1903; Assoc. in Pathol. Central Coll. of P. and S. Indianapolis 1903-05; Lect. Pathol., Clin. Med. Purdue Univ.; Pathol. City Hosp. and Phys. to Day Nursery Indianapolis, Ind. 1905-07. (Died, December 13, 1913.)

Luetscher, John Arthur—S. B. Wisconsin 1895; R. H. O. 1899-00; House Phys. City Hosp. (South Dept.) Boston 1900-01; Asst. and Instr. in Med. 1905-13.—Assoc. in Clin. Med. and Physician, Baltimore.

Lupton, Frank Allemong—S. B. Alabama Polytech. 1891, and M. S. 1892; Grad. Student 1893-94.—Member Com. of Health Jefferson Co.; Prof. of Obstet. Birmingham Med. Coll. and Obstet. Hillman Hosp. Birmingham, Ala.

Lynch, Frank Worthington—A. B. Adelbert 1895; Asst. Res. and Res. Obstet.; Chief of Obstet. Clinic and Assoc. in Obstet. 1899-03.—Asst. Prof. of Obstet. and Gynecol. Rush Med. Coll.; Attend. Obstet. and Gynecol. Presbyterian and St. Joseph's Hosps. 1906-15; Ex-Pres. Chicago Gyne. Soc. Chicago; 1st Lt. U. S. Med. Res. Corps; Prof. Obstet. and Gynecol. U. of Calif. and Director Woman's Clinic, *ibid.* San Francisco.

Magee, Chester Lea — A. B. Stanford 1895, and A. M. 1896; Asst. Res. Phys. City Detention Hosp. Balt. 1899-00; Instr. San Diego Training Sch. for Nurses 1900-02; Asst. Surg. Santa Fe R. R. 1903-12; Assoc. in Physiol. Coll. P. and S. 1907-08.—Physician, Los Angeles.

Moore, Hugh Miller—B. Sc. and M. Sc. Miami 1895.—Physician, 103 Walnut St., Oxford, O.

*Ottley, Charles Williams—A. B. Princeton 1893, and A. M. 1903; Traveling Secy. Student Volunteer Movement for Foreign Missions, N. Y. 1899-00; House Phys. Blackwell's Island, Dept. of Charities, N. Y. 1900-01; Prof. Biology, and College Phys. Robert Coll. Constantinople 1901-04; Phys. and Surg. Anatolia Coll. Hosp. Marsovan, Turkey 1904-05; Student, Vienna and Berlin 1905-06.

Owsley, Paul Octavius — Ph. B. Yale 1895; Asst. Res. Surg. St. Joseph's Hosp. Balt. 1899-01.—Instr. Clin. Gynecol. N. W. Med. Sch.; Attend. Surg. Cook Co. Hosp. and Physician, Evanston, Ill.

Pleasants, Jacob Hall—A. B. 1895; R. H. O. 1899-00; Asst. in Med. 1901-06.—Prest. Dept. Charities and Corrections; Dispen. Phys. and Instr. in Clin. Med.; Physician, Baltimore; Member Alumni Council.

Rosenheim, Sylvan—A. B. 1895; Asst. and Clin. Asst. in Laryng. 1903-07.—Laryngol. Hebrew, Eudowood and Jewish Hosp. for Consumptives; Aural Surg. Balt. Eye, Ear and Throat Charity Hosp.; Physician, Baltimore.

Sampson, John Albertson—A. B. Williams 1895; R. H. O. 1899-00; Asst. Res. and Res. Gynecol. and Asst. in Gynecol. 1900-04. — Gynecol. Albany Hosp. and So. End Disp. and Prof. Gynecol. Albany Med. Sch. and Physician, Albany, N. Y.

Steensland, Halbert Severin—S. B. Wisconsin 1895; Pathol. House Officer City Hosp. Boston 1899-00; Lect. Pathol. and Bact. and Director Pathol. Lab. Syracuse Univ. and Assoc. Prof. and Director 1900-08; Prof. Pathol. and Bact. and Director Pathol. Lab. 1908-12. — Prof. Pathol. and Dir. Pathol. Laby. Syracuse Univ. Syracuse, N. Y.

Stone, William Ridgely—A. B. Princeton 1895; Interne Blackwell's Island, Dept. of Charities, N. Y. City 1899-00.—Asst. Visit. Obstet. Maternity Hosp. Blackwell's Island, and Physician, New York.

Strobel, Edgar Randolph—A. B. 1895; Externe 1899-00; Assoc. Prof. Dermatol. Univ. of Md.; Instr. and Dispen. Dermatol.; Physician, Baltimore.

Verhoeff, Frederick Herman — Ph. B. Yale 1895; A. M. Harvard 1902; Externe; Asst. Surg. Balt. Eye, Ear and Throat Charity Hosp. 1899-00; Asst. in Pathol. Harvard Med. Sch. 1900-02; Asst. Ophthal. Surg. Carney Hosp. 1902-06.—Pathol. and Ophthal. Surg. Mass. Charitable Eye and Ear Infirmary; Instr. Ophthal. Pathol. Harvard, and Physician, Boston.

Williams, William Whitridge — A. B. 1895; Res. Phys. St. Joseph's Hosp. Balt. 1899-00; Asst. Univ. of Prague 1900-01; Asst. Pathol. Harvard 1901-03; Grad. Asst. O. P. D. Mass. Gen'l Hosp. 1903-05; Asst. in Pharmacol. West. Reserve Univ. Cleveland 1905-08; Director Webb Tuberculosis Research Lab. Colorado Springs 1908-11; Consult. Cragmor Sanitorium, Colorado Springs 1908-14.—Visit. Phys. City and Co. Hosp.; Pathol. Children's Hosp.; Con. Bact. Nat'l Jewish Hosp. for Consumptives; Chrmn. Advis. Comm. Dept. Health and Physician, Denver, Colo.

Wyckoff, Sarah Delia—S. B. Wellesley 1894; R. H. O. 1899-00.—Attend. Phys. State Disp. for Tuberculosis; Lect. Domestic Science and Hygiene, High School; Med. Exam. Wyoming Seminary, and Physician, Wilkes-Barre, Pa.

Yates, John Lawrence — Ph. B. Yale 1894; S. B. Wisconsin 1895; R. H. O., Asst. Res. Surg. and Asst. in Pathol. 1899-02; Asst. Dmnstr. Pathol.

Univ. of Pa. 1902-03; Pathol. and Chief Surg. Asst. Augustana Hosp. Chicago 1904-06.—Surgeon, 141 Wisconsin St., Milwaukee.

Davis, Frank Curtiss—A. B. Amherst 1895.—Physician, 236 McKnight Bldg. Minneapolis, Minn. (*Degree granted December* 4, 1899.) (33)

Class Secretary—H. Warren Buckler, 806 Cathedral St., Baltimore, Md.

1900

Akerman, Joseph—A. B. Georgia 1894, and Grad. Student 1895-96; Res. Phys. and Surg. Presbyterian Hosp. Phila. 1900-02; Supt. Walker Mem. Hosp. Wilmington, N. C. 1902-06.—Surg. 309 Murchison Bldg. Wilmington, N. C.

Allen, Herbert Williams—S. B. California 1896; R. H. O. 1900-01; Res. Phys. Lakeside Hosp. Cleveland 1901-02.—Asst. Prof. Clin. Med. Dept. Univ. of Calif. and Physician, San Francisco.

Austin, Mabel Fletcher—(Mrs. E. E. Southard), S. B. Minnesota 1893; Pathol. and Interne, City and County Hosp. St. Paul 1900-02; Pathol. New England Hosp. Boston 1903-06; Assoc. Prof. Hygiene, and Med. Director Wellesley Coll. 1906-08.—Cambridge, Mass.

Beale, Alma Emerson—A. B. Wellesley 1891; Marine Biological Lab. 1893; Externe 1900-01; Res. Phys. Evening Disp. for Working Women and Girls, Balt. 1900-01; Interne N. Y. Infirmary for Women and Children 1901-02; Health Officer and Phys. Schaghticoke, N. Y. 1902-12; Phys. Henry Watson Children's Aid Soc. Baltimore 1912-13. — Physician, Schaghticoke, N. Y.

***Bettmann, Milton** — A. B. Harvard 1897; R. H. O. 1900-01; Student, Univ. of Berlin 1901-02.

***Briggs, Evelyn**—A. B. Stanford 1896.

Brown, Lawrason — A. B. 1895; Res. Phys. Adirondacks Cottage Sanitarium 1900-02; Attend. Phys. 1912.—Visit. Phys. Recep'n Hosp. and Physician, Saranac Lake, N. Y.

Brulle, Herman—A. B. and S. B. Hampton-Sidney 1895; Grad. Student 1895-96; Externe 1900-01.—Med. Agt. City Charities, and Physician, Baltimore.

Burnam, Curtis Field—A. B. Central Univ. Ky. 1895; Grad. Student 1895-96; R. H. O., Asst. Res. and Res. Gynecol. 1900-04; Assoc. in Gynecol. 1904-14; Surg. in Chief, Cambridge Hosp. and Physician, Baltimore.

Chittenden, Arthur Smith—A. B. Yale 1896, and A. M. 1899; F. A. C. S. House Surg. N. Y. Hosp. 1900-02.—Asst. in Pathol. Columbia 1903-04; Visit. Pathol. Lincoln Hosp. 1904-05.—Surg. Binghamton State Hosp. and Surgeon, Binghamton, N. Y.

Christian, Henry Asbury — A. B. and A. M. Randolph-Macon 1895, and Grad. Student 1895-96; A. M. Harvard 1903; Asst. Pathol. City Hosp. Boston 1900-02; Instr. Pathol. Harvard; Asst. Visit. Pathol. City Hosp. and Children's Hosp. Boston 1902-05; Asst. Visit. Phys. L. I. Hosp. 1905; Phys. in Chief Carney Hosp. Boston 1907-12; Dean Faculty of Med. Med. Sch. Harvard 1908-12.—Hersey Prof. Theory and Practice of Physic Harvard; Phys. in Chief Peter Bent Brigham Hosp. and Physician, Boston.

Dancy, William Remshart—S. B. Georgia 1896; House Phys. (1900-01) and Surg. Seney M. E. Hosp. Brooklyn, N. Y. 1901-02; Grad. Student Universities Berlin and Vienna 1902-03; Res. Supt. Savannah Hosp. 1903-04.—Instr. Savannah Hosp. Tr. Sch. for Nurses and Telfair Hosp. Tr. Sch.; Member Attend. Staff, Savannah Hosp.; Member Board Sanitary Commissioners, and Physician, Savannah, Ga.

Eggers, Augustus Hartje—Ph. B. Yale 1896.—Physician, 5815 Rural St., Pittsburgh, Pa.

Evans, Henry Courtney—A. B. Adelbert 1896; Interne Western Penna. Hosp. Pittsburgh 1901-02.—Physician, 1822 Wilson Ave., Youngstown, O.

Fairbank, Rose — (Mrs. Rose Fairbank Beals), A. B. Smith 1895; Asst. Res. Phys. Hosp. Union Missionary Society, Jhansi, India 1901-05.—Physician, Amer. Morathi Mission Hosp. Wai, India.

Farrar, Clarence B.—A. B. Harvard 1896; Grad. Student Heidelberg 1902-04; Research Asst. Carnegie Inst. of Wash. 1904-06; Instr. in Psychiatry 1906-08; Asst. Phys. and Director Laboratory Sheppard and Pratt Hosp. Towson; Visit. Phys. City Detention Hosp. Bayview; Asst. Neurol. and Assoc. in Phychiatry, 1908-13. — Asst. Phys. State Hosp. Trenton, N. J.

Fisher, Arthur Lawrence—S. B. California 1896; R. H. O. 1900-01; Fellow Rockefeller Inst. for Med. Research 1901-02; Asst. Visit. Surg. Mt. Zion Hosp. 1902-08; Asst. in Surg. Cooper Med. Sch. 1907-12.—Asst. Orthoped. Surg. Med. Dept. Stanford, and Physician, San Francisco.

Fisher, William Alexander, Jr.—A. B. Princeton 1896; R. H. O. 1900-01; Res. Phys. Union Protestant Infirmary Balt. 1901-02.—Visit. Surg. U. P. I., Church Home and Infirmary, Hosp. for Women of Md. and Children's Hosp.; Instr. in Clin. Surg., Dispen. Surg. and Surgeon, Baltimore.

Fletcher, Howard—A. B. Randolph-Macon 1895, and Grad. Student 1895-96.—Physician, Fairfax, Va.

Flint, Joseph Marshall—S. B. Chicago 1895; A. M. Princeton 1900, and Yale 1907; Assoc. Univ. of Chicago 1900-01; Prof. Anat. Univ. of California 1901-07.—Prof. Surg. Yale Univ. New Haven, Conn.

Healy, William Patrick—Ph. B. Yale 1896; Interne N. Y. City Hosp. 1900-02; Gynecol. Interne Roosevelt Hosp. N. Y. 1902-03; Asst. Gynecol. Vanderbilt Clinic and Clin. Instr. Gynecol. Coll. P. and S. (N. Y.) 1903-08.—Asst. Surg. J. Hood Wright Hosp. 1908-12; Jr. Gynecol. Roosevelt Hosp.; Attend Gynecol. Misericordia Hosp.; Attend. Surg. Fordham Hosp.; Dean and Prof. Gynecol. Fordham Univ. Sch. of Med. N. Y.

***Hendrickson, William Faithful**—A. B. 1896; Asst. Dmnstr. Pathol. Univ. of Pennsylvania 1900-02.

Hewlett, Albion Walter—S. B. California 1895; House Phys. N. Y. Hosp. 1900-02; Asst. Prof. Princ. and Pract. of Med. Cooper Med. Coll. San Francisco 1906-08.—Prof. Int. Med. and Director of Clin. Lab. Univ. of Mich. Ann Arbor.

Kellogg, William Crissey—A. B. Yale 1896; Res. Phys. Soldiers' Home, Washington 1900-01.—Clin. Prof. Eye, Ear, Nose and Throat, Univ. of Georgia; and Physician, Augusta, Ga.

Kyes, Preston — A. B. Bowdoin 1896, and A. M. 1900.—Asst. Prof. Preventive Med. Univ. of Chicago.

***Lebus, Leona**—S. B. Wellesley 1889.—Los Angeles, Cal. (Died, November 20, 1908.)

Lewis, Warren Harmon—S. B. Michigan 1894, and Asst. 1894-96; Asst. Instr. Assoc and Assoc. Prof. of Anat. 1900-13.—Prof. of Physiological Anatomy.

Little, Harry Wilson — S. B. Wabash 1896, A. M. 1905; House Phys. Maternity, City and Epileptic Hosps. Blackwell's Island, N. Y. 1901-03.—Prest. S. W. Little Coal Co. Evansville, Ind.

Lowell, Ellen Louise—(Mrs. A. D. Stevens), A. B. Stanford 1896; Res. Phys. N. Y. Infirmary for Women and Children 1900-02; Asst. Gen'l Med. Clinic, Presbyterian Hosp. Disp. 1902-03; Asst. Babies' Hosp. Disp. Chief of Children's Clinic, Harlem Hosp. Out-Patient Dept. N. Y. 1903-04.—Physician, 2050 Hill St., Jacksonville, Fla.

***MacCallum, John Bruce**—A. B. Toronto 1896; Asst. in Anatomy 1900-02; Asst. Prof. Physiology, Univ. of California 1902-06.

Marvell, Mary Wilbur—S. B. Wellesley 1894; Interne New England Hosp. Roxbury 1900-01.—Physician, Fall River, Mass.

Meltzer, Clara—(Mrs. John Auer), A. B. Barnard 1896; Grad. Student 1900-01; Research Scholar, Rockefeller Inst. for Med. Research; Ophthalmologist, Harlem Hosp. Disp. 1901-03; Clin. Asst. and Asst. Surg. N. Y. Eye and Ear Infirmary 1901-11; Ophthalmologist, N. Y. Infirmary for Women and Children 1908-13.—274 State St., Flushing, L. I.

Mosher, Clelia Duel — A. B. Stanford 1893 and A. M. 1894; Asst. and Instr. Hygiene, Stanford Univ. 1893-96; Gynecol. Asst. Dr. Kelly's Sanitarium, Balt. and Externe 1900-01; Spec. Asst. Palo Alto Board of Health for Study of Typhoid fever epidemic of April, 1903.—Asst. Prof. Hygiene and Med. Adviser to Women, Stanford Univ. and Physician, Palo Alto, California.

Myrick, Hannah Glidden—A. B. Smith 1896; Interne New England Hosp. Roxbury 1900-01.—Asst. Res. Phys. N. E. Hosp. for Women and Children, and Physician, Boston.

***Oliver, Edward Spiller**—A. B. 1895.

Rand, Richard Foster—Ph. B. Yale 1895, and Grad. Student 1895-96; R. H. O. 1900-01; Res. Surg. Parker Hosp. Univ. of Missouri, Columbia 1901-02.—Asst. Surg'l and Gynecol. Clinics, Yale Univ. Asst. Obstet. New Haven Hosp. and Physician, New Haven, Conn.

Reed, Dorothy M.—(Mrs. Charles E. Mendenhall), B. L. Smith 1895; Grad. Student Mass. Inst. of Tech. 1895-96; R. H. O. and Fellow in Pathol. 1900-02; Res. Phys. Babies' Hosp. N. Y. 1902-06.—Madison, Wis.

Rusk, Glanville Yeisley—A. B. 1896; R. H. O. 1900-01; Asst. Physician, Sheppard and Pratt Hosp. Asst. in Psychiatry and Clinical Asst. in Neurol. 1902-03; Path. Institute, Ward's Island, N. Y. 1903-10.—Assoc. Prof. Pathol. Univ. of Calif. Berkeley.

Sabin, Florence Rena—S. B. Smith 1893, Sc. D. 1910, and Asst. in Zoology 1895-96; R. H. O. 1900-01; Holder Women's Fellowship in Anatomy 1901-02; Asst. Instr. and Assoc. in Anatomy 1902-05.—Co-Editor, Anatomical Record and Assoc. Prof. of Anatomy.

Sowers, William Francis Mattingly—A. B. Princeton 1896; R. H. O. Asst. Res. Res. Surgeon; Asst. and Instr. 1900-07. — Assoc. in Surg. George Washington Univ. Surgeon, Washington, D. C.

Stone, Ellen Appleton—A. B. Radcliffe 1895; A. M. Brown 1896; Interne Hosp. for Women and Children, Syracuse, N. Y. 1901-02; Res. Phys. Children's Hosp. Buffalo, N. Y. 1902-03; Phys. Med. O. P. D. for Children, R. I. Hosp. 1906-12. — Supt. Child Hygiene, Health Dept. and Physician, Providence.

Warren, Mortimer—A. B. Bowdoin 1896; Externe City Hosp. Boston 1900-01.—Director, Pathol. Lab. Roosevelt Hosp. and Physician, New York.

Woolley, Paul Gerhardt—S. B. Chicago 1896; R. H. O. 1900-01; Fellow in Pathol. McGill Univ. Montreal 1901-02; Pathol. Biol. Lab. and Director, Gov't Serum Lab. U. S. A. Manila, 1902-06; Chief, Siamese Gov't Serum Lab. Phrapatoom, Siam, 1906-07; Chief Inspr. Health and Med. Adviser, Dept. Interior, Bangkok, 1907-08; Assoc. Prof. Pathol. Anat. Univ. of Nebraska, Omaha, 1908-09; Dean, Faculty of Med. Univ. of Cincinnati, 1910-13.—Director Laboratories, Cincinnati Hosp. and Mary M. Emery Prof. Pathol. Univ. of Cincinnati, O. (43)

Class Secretary—Warren H. Lewis, 1931 E. 31st St., Baltimore, Md.

1901

***Atherton, Alexander Montague**—A. B. Wesleyan (Conn.) 1897; Res. Phys. Charity Hosp. Blackwell's Island, N. Y. 1901-02. **Aug.* 28, 1903.

Baetjer, Frederick Henry—A. B. 1897; R. H. O. 1901-02.—Assoc. in Actinography and Roentgenol. and Physician, Baltimore.

Baldwin, William Dwight—A. B. Yale 1897; Clinical Asst. in Med. 1901-02; House Phys. St. Luke's Hosp. N. Y. 1903-04.—Haiku, Maui, T. H.

Berry, John McWilliams—S. B. Cornell 1897; R. H. O. 1901-02.—Orthoped. Surg. and Roentgenologist, Albany Hosp. Clin. Prof. Ortho. and Radiology, Albany Med. Coll. and Physician, Albany, N. Y.

Blakeslee, Walter Herbert—A. B. Amherst 1897, and A. M. 1903; Dr. P. H. Penna. 1913; Asst. Res. Phys. N. Y. Lying-in Hosp. (6 months); Asst. Med. Exam. Penna. R. R. Relief Dept. Philadelphia, 1902-08; Res. Episcopal Hosp. Philadelphia, 1908-09.—Med. Inspector, Dept. Labor and Indust. State of Penna. and Physician, 3328 N. 17th St., Philadelphia.

Bloombergh, Horace Deschamps—A. B. Lafayette 1897; First Lieut. Med. Corps, U. S. A. 1901-06; Capt. and Major, Med. Corps, U. S. A. 1907-11.—Member U. S. Army Board for Study of Trop. Diseases, Manila, P. I.

Boggs, Thomas Richmond—S. B. Univ. of Georgia 1896, and Grad. Student 1896-97; R. H. O. and Acting Asst. Res. Phys. 1901-03; Asst. in Med. and Asst. Res. Phys. in charge Med. Bact. Lab. Asst. Res. Phys. in charge Clin. Laby. 1904-08; Assoc. in Medicine, Res. Phys. and Med. Adviser to Students 1908-11. — Assoc. Prof. Clin. Med. Asst. Visit. Phys. and Phys. in Chief, City Hosp. Bayview.

Bosley, John Robert—A. B. Western Md. 1896, and A. M. 1901; Grad. Student 1896-97.—Capt. Med. Corps, U. S. A. Fort Hamilton, N. Y.

Bunting, Charles Henry—S. B. Wisconsin 1896, and Fellow 1896-97; R. H. O. 1901-02; Asst. Dmnstr. Pathol. Univ. of Pa. 1902-03; Instr. in Pathol. 1903-04; Pathol. Bayview Hosp. Asst. Res. Pathol. and Assoc. in Pathol. 1904-06; Prof. Pathol. and Pathol. Univ. Hosp. Univ. of Va. Charlottesville, 1906-08.—Prof. Pathol. Univ. Wisconsin, Madison.

Butler, Joel Ives—Ph. D. Yale 1897; Act. R. H. O. 1901-02; Externe Surg. Pathol. and Asst. in Anat. 1902-03; Clin. Asst. G.-U. Surg. 1903-04; House Surg. Mass. Gen'l Hosp. Boston, 1904-05; Instr. in Surg. Yale Med. Sch. Asst. Surg. New Haven Hosp. 1905-11. — Attend. Surg. and Manager, Rodgers Hosp. Tucson, Ariz.

Carey, Harry Wardell—A. B. Yale 1897; Asst. Pathol. Bender Hygienic Lab. Albany, 1901-03; Instr. Physiol. Chem. 1908, and Physical Diag. Albany Med. School, 1909-11; Phys. in chg. Lake View San. 1910-1913.—Director, Cluett Pathol. Lab. Assoc. in Med. Samaritan Hosp. Instr. Med. Albany Med. Sch. and City Bacteriologist, Troy, N. Y.

Chace, Eleanor Sarah — (Mrs. Edward Herbert), S. B. Wellesley 1894, Interne Worcester Memorial Hosp. 1902.—Physician, 140 Purchase St., Fall River, Mass.

Comer, Robert Thornton—A. B. Alabama 1896; Grad. Student 1896-97.—Physician, First Nat'l Bank Bldg., Birmingham, Ala.

Connor, Guy Leartus—A. B. Williams 1897.—Neurol. Children's Free Hosp. and Neurol. Detroit, Mich.

Connor, Ray — A. B. Williams 1897; House Surg. Manhattan Eye and Ear Hosp. N. Y. 1902-03.—Ophthalmol. and Otol. Children's Free Hosp. Assoc. Clin. Prof. Ophthalmol. and Otology, Detroit Coll. of Med. and Physician, Detroit, Mich.

Drake, George Silas, Jr.—A. B. Yale 1897, Res. Phys. Union Protestant Infirmary, Balt. 1902-05; Assoc. Surg. St. Louis Free Skin and Cancer Hosp. 1905-09.—Surg. in chief, Social Service Hosp. and Surgeon, St. Louis.

Dutcher, Adelaide — S. B. Wisconsin 1897; Asst. Obstet. Hosp. for Women and Children, and Physician, Syracuse, N. Y.

Fowler, Harry Atwood—S. B. Minnesota 1895; R. H. O. and Clin. Asst. Genito-Urinary Diseases 1901-03.—Assoc. Skin and Venereal Diseases, Eastern Disp. and Casualty Hosp. Prof. G.-U. Diseases, Howard Univ. Physician, Washington, D. C.

Gay, Frederick Parker—A. B. Harvard 1897; Fellow, Rockefeller Inst. for Med. Research; Asst. Dmnstr. of Pathol. Univ. of Penna. 1901-03; Student, Institute Pasteur, Brussels, 1903-06; Bacteriol. Danvers Insane Hosp. 1906-07; Asst. and Instr. in Pathol. Harvard Med. School 1907-10.—Prof. of Pathol. Univ. of California, Berkeley.

Graham, Neil Duncan—A. B. 1897; Assoc. Prof. Hygiene and Prevent. Med. Howard Univ. and Physician, Washington, D. C.

Hall, Gardner Wells—A. B. Harvard 1898; Clinical Asst. in Medicine, 1901-02.—Physician, 475 Beacon St., Boston.

Hamman, Louis Virgil—A. B. Rock Hill 1896; Grad. Student 1896-97; House Phys. New York Hosp. 1902-03; Attend. Phys. Md. Hosp. for Consumptives; Phys. in chg. Phipps Disp. 1905-15.—Assoc. Prof. of Clin. Med. and Physician, Balt.

Hastreiter, Rolland Frederick — S. B. Wisconsin 1897; R. H. O. and Clinical Asst. in Obstet. 1901-02; Asst. in Anat. Wis. Coll. of P. and S. 1903-04.—Physician, 606 Auditorium Bldg., Los Angeles, Cal.

Hathaway, Joseph Henry—A. B. Iowa Coll. 1894, and Harvard 1896, and A. M. 1897; R. H. O. 1901-02; Res. Phys. The Glen Springs, Watkins, N. Y. 1902-03; Res. Pathol. Boston Free Hosp. for Women 1903-04; Instr. in Anat. Cornell 1905-09; Med. Exam. Cornell Univ. Gym. Ithaca. 1906-09; Prof. Anat. Univ. Louisville, 1909-13.—Prof. Anat. Histol. and Embryol. and Secy. Detroit Coll. Med. and Surg. Detroit.

Hitzrot, James Morley—A. B. Princeton 1897; R. H. O. 1902; House Surg. New York Hosp. 1902-03.—Asst. Prof. Clin. Surg. Cornell Univ. Assoc. Attend. Surg. N. Y. and Hudson St. Hospitals; and Physician, New York.

Holden, Gerry Rounds—A. B. Yale 1897; House Surg. Roosevelt Hosp. N. Y. 1902-03; Res. Gynecolol. and Instr. in Gynecol. 1903-05.—Gynecol. St. Luke's Hosp. for Insane at Chattahoochee, and Physician, Jacksonville, Fla.

Hume, Edward Hicks—A. B. Yale 1897; John W. Garrett Internat. Fellow in Pathol. and Bacteriol. Univ. Coll. Liverpool 1901-02; Third Asst. Surg. and Clinical Asst. in Med. 1902-03, Act. Asst. Surg. U. S. Public Health and Marine Hosp. Service, and Research Worker, Government Laboratory, Parel, Bombay, India, 1903-05.—Physician in chief, Hosp. of Yale Coll. Changsha Hunan Prov. China.

Johnston, William Bernard—A. B. Harvard 1897; Asst. Res. Pathol. 1901-02.

Kaufman, Harry M.—A. B. 1897; Res. Phys. Jewish Hosp. Philadelphia, 1901-02.—Consult. Phys. German Orphan Asylum; Attend. Physician, Ruppert Home; Consult. Phys. Central Disp. and Emergency Hosp. and Physician, Washington, D. C.

Lamson, Theodore—Ph. B. Yale 1897; Asst. Res. Phy. Barnes Hosp. Washington, 1901-02.—Capt. Med. Corps. U. S. Army, Ft. Flagler, Washington.

Lewis, Dwight Milton—A. B. Yale 1897; Med. House Officer, City Hosp. Boston, 1901-03.—Clin. Instr. Med. Yale, Med. Sch. Pathol. and Asst. Visit. Phys. Hosp. of St. Raphael; Bacteriol. Board of Health, and Physician, New Haven, Conn.

Longcope, Warfield Theobald — A. B. 1897; Res. Pathol. Penn. Hosp. Philadelphia, 1901-03; Director, Ayer Clinical Lab. Penna. Hosp. 1904-10; Asst. Prof. Applied Med. Univ. of Penna. Philadelphia, 1909-11; Assoc. Prof. Med. Columbia Univ. and Assoc. Attend. Phys. Presbyterian Hosp. N. Y. 1911-14.—Bard Prof. Med. Columbia, and Director, Med. Services, Presbyterian Hosp. N. Y.

Maddren, William Harvey—S. B. Brooklyn Polytech. Inst. 1896; Grad. Student 1896-97.—Visit. Surg. L. I. State Harbor Hospitals, and Asst. Visit. Surg. King's Co. and Bradford St. Hosp. and Physician, Brooklyn.

Moore, Elizabeth Sutton—(Mrs. G. L. McKinney), S. B. Wilson Coll. Pa. 1895; Grad. Student, Cornell 1896-97; Interne, New England Hosp. Boston, 1901-02; Pathol. Passavant Hosp. 1903-08. — Physician, Panama Canal Zone.

Parker, Henry Pickering—A. B. 1896; Demonstrator of Pathol. and Bacteriol. Western Reserve Univ. 1901-02; Res. Pathol. Lakeside Hosp. Cleveland, 1902-03; Interne, Union Protestant Infirmary, Balt. 1903-04; Clinical Asst. in Med.; Res. Physician, Robt. Garrett Hosp. for Children, 1904-05; Asst. to the Prof. of Clin. Med. Georgetown Med. Sch. Asst. in Diseases of Throat and Chest, Emergency Hosp. 1905-08.—Prof. Med. Howard Univ. Assoc. Visit. Phys. Providence, Hosp. and Visit. Physician, Freedman's Hosp. and Physician, Washington, D. C.

Rubel, Maurice J.—S. B. Chicago 1897; R. H. O. 1901-02.—Physician, 25 E. Washington St., Chicago.

Salter, John Cleveland—A. B. Yale 1897; House Phys. St. Luke's Hosp. N. Y. 1901-02; Res. Phys. N. Y. Lying-in Hosp. 1903-04.—Visit. Phys. St. Louis Skin and Cancer Hosp. and City Hosp. and Physician, St. Louis.

Simis, Mabel Palmer—(Mrs. H. L. Ulrich), S. B. Cornell 1897.—Physician, Minneapolis, Minn.

Slemons, Josiah Morris—A. B. 1897; R. H. O. and Clin. Asst. in Obstet. 1901-02; Asst. Res. and Res. Obstet. 1902-

04; Instr. Assoc. and Assoc. Prof. of Obstet. 1904-13; Prof. of Obstet. and Gynecol. Univ. of California 1913-15. —Prof. Obstet. and Gynecol. Yale Med. Sch. New Haven.

Smith, Herbert Meloy—A. B. Roanoke 1892, and A. M. 1897; Grad. Student, 1894-95; Lt. and Capt. Med. Corps, U. S. A. 1901-10 and Hospital Service, Philadelphia, 1911.—Health Officer, Richland Co. and Physician, Columbia, S. C.

Spratt, Charles Nelson—S. B. Minnesota 1897; R. H. O. 1901-02; House Surg. New York Eye and Ear Infirmary, 1902-03; House Surg. Mass. Charitable Eye and Ear Infirmary, Boston, 1903-05.—Oculist, Minneapolis, Minn.

Steinfeld, Albert Louis—A. B. 1897; Director, Histol. and Pathol. Laboratories, and Res. Phys. Lucas Co. Hosp. Toledo, O. 1901-02; Prof. Histol. and Pathol. Toledo Med. Coll. 1903-04; Lect. in Ear, Nose and Throat, Toledo Med. Coll. 1906-11.—Physician, 237 Michigan St., Toledo, O.

Swett, Carlotta Mary—(Mrs. C. H. Bunting), A. B. Wellesley 1896; Grad. Student, Maine State Coll. 1896; Interne New England Hosp. Boston, 1901-02. — Madison, 2020 Chadbourne Ave., Wis.

Ulrich, Henry Ludwig—S. B. Rutgers 1897.—Visit. Phys. City Hosp. Instr. in Med. Univ. of Minnesota, and Physician, Minneapolis.

Underhill, Albert James—A. B. 1897.—Externe in Surg. Assoc. and Chf. G.-U. Clin. U. of Md. Attend., G.-U. Surg. Univ. Hosp. Consult. G.-U. Surg. St. Joseph's German Hosp. and Physician, Baltimore.

Walker, Marian Bartholow—(Mrs. Marian Walker Williams), A. B. Radcliffe 1898; Attend. Phys. Babies' Hosp. N. Y. 1901-02; Phys. Hartford, Ct. 1902-11.—37 Holly St., Phoenix, Ariz.

Warfield, Louis Marshall—A. B. 1897; R. H. O. and Asst. Res. Phys. Thomas Wilson Sanitarium, 1901-02; Instr. Clin. Micros. Washington Univ. Med. Sch. St. Louis, 1905-09; Asst. Supt. and Pathol. Milwaukee Co. Hosp. Wauwatosa, Wisconsin, 1909-14. — Prof. Med. Marquette Univ. Med. Sch. and Physician, Milwaukee.

Warren, George William—A. B. 1897.—Physician, New York.

Watts, Stephen Hurt—A. M. Randolph-Macon 1896; Student, Univ. of Virginia 1896-97; R. H. O. Asst. Res. and Res. Surg. 1901-07.—Prof. of Surg. Univ. of Virginia, and Surg. in chief Va. Hosp. Charlottesville.

Wells, Ernest Alden—A. B. Yale 1897; House Surg. N. Y. Hosp. 1901-02.—Attend. Surg. to Hartford Hosp. and Surgeon, Hartford, Conn.

***Wells, Mabel**—A. B. Wellesley 1896; Student, Univ. of Zürich 1897.

West, John Montgomery—A. B. 1896; Student, Universities of Berlin, Vienna and Halle, 1902-06; Asst. in Laryngol. and Rhinol. 1907-10. — Rhinolog. Klinik-Silex, Physician, Berlin, Germany.

Winne, Charles Knickerbocker, Jr.—A. B. 1897; Externe, 1901-02; Act. R. H. O.; Asst. Res. Phys. Thos. Wilson Sanitarium, 1902-03; Asst. Bender Hygienic Lab. Albany, N. Y. 1903-05. —Instr. Theory and Prac. of Med. Albany Med. Coll. Asst. Attend. Phys. Contagious Dept. Albany Hosp. Attend. Phys. Child's Hosp. St. End Disp. Med. Asst. Bureau of Health, and Physician, Albany. (53)

Class Secretary—Louis V. Hamman, 714 Park Ave., Baltimore.

1902

Auer, John—S. B. Michigan 1898; R. H. O. 1902-03; Instr. Physiol. Harvard Med. Sch. 1906-07; Ast. and Assoc. Rockefeller Institute, 1907-09.—Assoc. Member, Rockefeller Institute for Medical Research, N. Y.

Briggs, John Bradford, Jr.—S. B. New York Univ. 1898; R. H. O. and Asst. in Med. 1902-04.— Assoc. in Pathol. George Washington Univ. and Disp. and Physician, Washington, D. C.

Browne, Bennett Bernard, Jr. — A. B. 1898; Asst. Ophthal. Balt. Eye, Ear and Throat Charity Hosp. 1903-06.—Clin. Asst. Ophthal. and Otol. Consult. Phys. Emergenry Hosp. Annapolis, and Physician, Baltimore and Annapolis.

Bruns, Robert Martin—A. B. Virginia 1896; Grad. Student, 1897-98; Asst. Res. Phys. Springfield State Hospital, Sykesville, Md. 1902-03. — Physician, Baltimore.

Bryan, William Morgan Case — A. B. Washington Univ. 1897; M. S. Michigan, 1898; Res. Phys. German Hosp. Philadelphia, 1902-04; Instr. Clin. Micros. and Chem. Med. Dept. St. Louis Univ. 1904-05.—Instr. Ear, Nose and Throat Diseases. *ibid.* Oto-Laryngol. to Alexian Bros. Hosp. Surg. St. Louis Eye, Ear, Nose and Throat Disp. Consult. in Oto-Laaryn. St. John's Hosp. Mem. Med. Res. Corps; and Physician, St. Louis.

***Bush, Camillus**—S. B. California 1898; R. H. O. Visit. and Asst. Res. Surgeon, 1902-04.—Surg. F. A. C. S., St. Helena Sanitarium; Instr. in Surg. Univ. of Calif. and Surgeon, San Francisco. **May* 28, 1910.

Churchman, John Woolman—A. B. Princeton 1898; A. M. 1901; A. M. (Hon.) Yale, 1915; R. H. O. and Clin. Asst. G.-U. Surg. 1902-05; Voluntär Asst. Surg. Clinic, Breslau, 1905-06; Asst. Res. Surgeon, 1906-09; Res. Surg. and Instr. in Surg. 1912.—Prof. Surgery, Yale, New Haven.

Clarke, Thomas Wood—A. B. Harvard 1899; R. H. O. 1902-03; Res. Phys. Lakeside Hosp. Cleveland, 1903-05; Vol. Asst. Charite Krankenhaus Berlin, 1905-06; Act. Clin. Asst. Children's Hosp. and Research Student, St. Bartholomew's Hosp. London, 1906-07; Fellow, Rockefeller Inst. N. Y. 1907-08; Clin. Asst. Vanderbilt Clinic, 1907-10; Asst. in Pediatrics, Columbia, and Asst. Editor *Medical Record*, 1909-10.—Phys. in Chg. Utica Babies' Pure Milk and Health Sta. 1912.—Attend. Pediatrist, Faxton Hosp. Med. Director Baby Welfare Comm. of Utica; Med. Expert N. Y. State Dept. of Health, and Physician, Utica, New York.

Cook, Henry Wireman—A. B. 1898; R. H. O. 1902-03; Late Asst. Res. Thos. Wilson Sanitarium.—Visit. Phys. Sr. Staff Memorial Hosp. and Univ. Hosp. Lect. in Med. Univ. of Minnesota, and Physician, Minneapolis.

Coons, Jacob Jones—S. B. Ohio Wesleyan 1898; Clin. Asst. in Med. Asst. Res. Surg. N. Y. Lying-in Hosp. 1902-03; Asst. Res. Surg. Kensington Hosp. Phila. 1903-04.—Asst. Prof. Med. Ohio State Univ. Pathol. Mt. Carmel Hosp. and Physician, Columbus, Ohio.

Dohme, Gustavus Charles—A. B. 1898; Prof. Chemistry, Maryland Med. Coll. 1905-12.—Physician, 3014 St. Paul St., Baltimore.

Dolley, David Hough—A. B. Randolph-Macon 1897, and A. M. 1898; Res. Pathol. St. Vincent's Charity Hosp. 1902-03; Asst. Dmnstr. Pathol. West. Reserve Univ. and Res. Pathol. Lakeside Hosp. Cleveland, 1903-04; Prof. Histol. and Pathol. Univ. of N. C. Chapel Hill, 1906-10.—Editor *Univ. of Mo. Medical Bulletin* and Prof. Pathol. Univ. Missouri, Columbia.

Duffy, Ralph—A. B. 1898; Pathol. Western Penna. Hosp. Pittsburgh, 1902-08; Res. Surg. Franklin Sq. Hosp. Baltimore, 1908-09; Surg. Scotland Sanitorium, Lawrinburg, N. C. 1909-11.—Physician, Plant City, Fla.

Dunlop, John — S. B. Princeton 1898; Asst. Res. Phys. Thos. Wilson Sanitarium, 1902; Externe in Surg. 1902-03; Asst. Res. Phys. U. P. I. Balt. 1903; Orthopedic House Officer, Carney Hosp. Boston, 1904-05.—Ortho. Surg. Children's Hosp. and Freedman's Hosp. Prof. Orthopedic Surg. Georgetown Univ. and Physician, Washington, D. C.

Erving, William Gage—A. B. Yale 1898; Orthopedic House Surg. Carney Hosp. Boston, 1902-03. — Ortho. Surgeon, Providence, Freedman's and Children's Hospitals, and Prof. Ortho. Surg. Howard Univ. and Physician, Washington, D. C.

Ferry, Newell Simmons—Ph. B. Yale 1898; Asst. Res. Surg. Barnes Hosp. Washington, D. C. 1902-03; Asst. in Med. Memphis, Tenn. 1903-08.—Biol. Pathol. City Hosp. and Phys. Memphis, Tenn. 1903-08.—Biol. and Research Dept. Parke, Davis & Co. Detroit, Mich.

Foster, Nellis Barnes—S. B. Amherst 1898; Res. Phys. N. Y. Hosp. 1904-05; Instr. and Assoc. in Biol.-Chem. Columbia, 1906-12.—Assoc. Phys. N. Y. Hosp. Asst. Prof. Med. Cornell Univ. Sch. Med. and Physician, New York.

Francis, William Willoughby — A. B. 1898; Secy.-Treas. Canadian Med. Assn. Asst. Ed. *C. M. A. Jour.* Montreal, Canada; Capt. Can. Army Med. Corps No. 3 Can. Gen'l Hosp. British Exped. Force.

Frankenthal, Maurice Albert — A. B. Washington Univ. 1898.—Assoc. Visit. Phys. Jewish Hosp. Pathol. Bethesda Homes, Asst. in Surg. Washington Univ. Hosp. and Physician, St. Louis.

Glenny, W. Harry—Ph. B. Yale 1894; Asst. Attend. Phys. and Supervisor of Records, Buffalo Gen'l Hosp. Attend. Phys. Tuberculosis Dispen. and Phys. Buffalo, N. Y. 1902-11. Bond Broker, Buffalo.

Hardy, Clarence Foster—B. L. Wisconsin 1891; Interne, Mercy Hosp. Pittsburgh (four months).—Physician, 848 Marshall St., Milwaukee.

Haviland, Morrison LeRoy—Ph. B. Union 1898; Res. Surg. Society Lying-in Hosp. N. Y. and Res. House Officer, 1902-03.—Attend. Phys. Glens Falls Hosp. and Physician, Glens Falls, New York.

Haynes, Mabel Stevens — (Mrs. Rudolf Leick), A. B. Bryn Mawr 1898; Asst. Disp. Mass. Gen'l Hosp. 1902-03; Student of Med. Vienna, 1904-05; Dermatol. Wilkes St. Free Disp. and Trinity Disp. Boston, 1906-07. — Vienna, Austria.

Hirshberg, Leonard Keene—A. B. 1898, A. M. Loyola 1912; Physician, 1937 Madison Ave., Baltimore.

Horst, Carl Herman — A. B. Stanford 1898; R. H. O. 1902-03; State Bacteriol. Montana, 1904-05; Res. Phys. Insane Asyl. State of Montana, 1905-06.—City Health Officer and Phys. and Surg. Butte, Mont.

Hyman, Solomon—S. B. California 1898; House Surg. Mt. Sinai Hosp. N. Y. 1903-05; Adjunct Surg. Mt. Zion Hosp. 1905-10; Instr. in Surgery, Cooper Med. Coll. 1905-12; Clin. Instr. in Surg. Stanford Univ. 1912-13.—Surgeon, 135 Stockton St., San Francisco, Cal.

Jelke, William Frederick—Ph. B. Yale 1898; Asst. Res. Surg. Lakeside Hosp. Cleveland, 1902-03; Dmnstr. in Anat. Cornell, 1904-05.—Physician, Clinton Springs Ave., Cincinnati.

Jones, Thomas Monroe—A. B. Indiana Univ. 1898; Student, Heidelberg, Germany, 1894-97; House Officer, St. Mark's Hosp. N. Y. 1902-03; Interne, King's Co. Hosp. Brooklyn, 1903-05; Graduate Student, Vienna, Austria, 1909-10.—Surgeon, 1029 Meridian St., Anderson, Ind.

Karsted, Alfred—A. B. Stanford 1898; House Surg. German Hosp. N. Y. 1902-04; Res. Phys. Murray Hosp. Butte, 1907-11.—Physician, Butte.

Kimball, Arthur Herbert—S. B. Amherst 1897, and A. M. 1903; F. A. C. S. 1914; Res. Phys. Eye, Ear and Throat Charity Hosp. Baltimore, 1902-03.—Visit. Oculist, Government Hosp. for the Insane; Assoc. in Ophthalmology, Episcopal Eye and Ear Hosp. and Phys. Washington, D. C.

Lehr, Louis Charles—A. B. 1898; Clinical Asst. G.-U. Surg. and Asst. in Gynecol. Dr. Kelly's Sanitarium, 1902-04.—Physician, 1737 H St. N. W., Washington, D. C.

L'Engle, Edward McCrady — A. B. St. John's 1897; Grad. Student, 1897-98; Asst. Res. Phys. Phila. Polyclinic Hosp. 1902-03; Pathol. Polyclinic Hosp. Dmnstr. Pathol. Medico-Chir. Coll. Asst. Pathol. Phila. Hosp.—Physician, 2756 St. John Ave., Jacksonville, Fla.

Litchfield, George Victor, Jr. — A. M. Randolph-Macon 1897; Phys.-Surg. Lick Creek and Lake Erie R. R. and Dawson Coal and Coke Co. St. Paul, Va. 1902-03; Surg. N. and W. R. R. Tidewater, Bottom Creek, King Coal Co. and Big Four C. and C. Co. and Laurel Creek Lumber Co. Kimball W. Va. 1908.—Physician, Abingdon, Va.

Lootz, Emma—(Mrs. W. G. Erving), A. B. Smith 1897.—Physician, 922 Farragut Sq., Washington, D. C.

Ludlum, Seymour DeWitt—S. B. Rutgers 1897; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1902-03; First Asst. Res. Phys. Friends' Asylum for the Insane, Frankford, 1903-06.—Assoc. in Neurol. and Neuropathol. Univ. of Penna. Asst. Neurologist, Phila. Hosp. and Physician, Philadelphia.

Lyle, Annie Galloway—A. B. Stanford 1895; Asst. Voluntär, Vienna, 1902-03; Asst. Children's Clinic, Univ. of Calif. 1904-05; Phys. Juvenile Court, 1905-11.—Phys. to Board of Education, and Mary's Help Hosp. and Physician, San Francisco.

MacGregor, George Malcolm—S. B. Wisconsin 1894; R. H. O. Church Home and Infirmary, Balto. 1905-07.—Physician, Garfield, Wash.

Marshall, Samuel Andrew—A. B. Yale 1898; Surg. House of Relief, N. Y. Hosp. 1902-03.—Physician, L. I. City, New York.

McFarland, John Scott — Ph. B. Yale 1898.—Physician, 193 Cleveland Ave., Buffalo, N. Y.

Meisenhelder, Edmund Webster—A. B. Penna. Coll. 1898; Harvard Summer School, 1898; R. H. O. 1902-03; Interne, Barnes Hosp. U. S. Soldiers' Home, Washington, D. C. 1903-04; Res. Phys. Lakeside Hosp. Cleveland, 1904-05; Graduate Student, Europe, 1909-10.—Surg. W. Side Sanitarium, York, Pa.

Meisenhelder, John Elmer—S. B. Penna. Coll. 1897; Grad. Student, 1897-98; House Surg. Moses Taylor Hosp. Scranton, Pa. 1903-04; Res. Surg. Hosp. U. S. Soldiers' Home, Washington, D. C. 1904-10; Grad. Student, Charite Hosp. Berlin, Germany, Univ. of Vienna and Univ. Hosp. London, 1910-11. — Physician, 28 Frederick St., Hanover, Pa.

***Oeshner, Henry William**—S. B. Wisconsin 1898; R. H. O. 1902-03. **Nov.* 25, 1902.

Reed, Edward Hiram — A. B. Cornell 1898; Asst. Res. Phys. St. Luke's Hosp. N. Y. 1903.—Visit. Phys. Freedman's Hosp. Clin. Asst. in Med. Howard Univ. and Physician, Washington, D. C.

Riggins, Edwin Nicholas—A. B. Williams 1897; Interne, House of Relief, N. Y. Hosp. 1903-04.—Adjct. Attend. Physician and Registrar, St. Mary's Hosp. Phys. Out-Patient Dept. Mem. Hosp. Med. Exam. Union Cent. L. I. Co. and Physician, Orange, N. J.

Rogers, Carey Pegram — A. B. Wake Forest 1897; Grad. Student, 1897-98; (F. A. C. S.) R. H. O. 1902-03.—Surg. St. Luke's Hosp. Surg. in Chg. Riverside Hosp., Jacksonville, Fla.

Rushmore, Stephen—A. B. Amherst 1897; Externe, 1902-03; Asst. Res. Gynecol. 1903; House Phys. Hudson St. Hosp. N. Y. 1904; House Surg. St. Mary's Hosp. for Children, N. Y. 1905; Res. Gynecol. 1905-06; House Officer, Boston Lying-in Hosp. 1907.—Visit. Gynecol. Carney Hosp. Boston; Assoc. Prof. Gynecol. Tufts Coll. Med. Sch. Consult. Gynecol. Semmes' Arlington Hosp. and Physician, Boston.

***Scholl, George Barr**—A. B. 1898; Externe, 1902-03, in chg. Lab. Balt. Eye, Ear and Throat Hosp. 1913-14; Pathol. Franklin Sq. Hosp. Health Officer and Physician. (*Died July* 9, 1914.)

Silverberg, Melville—A. B. California 1897; Asst. in Physiol.-Chem. Cooper Med. Coll. San Francisco, 1902; House Officer, City Hosp. Boston, 1903-04.—Prof. G.-U. Coll. P. and S. Physician, San Francisco.

Simpson, John Nathan—A. B. Nashville 1893; Student Paris and Berlin, 1905,

—Member Amer. Acad. Med. Prof. of Physiol. Dean of School of Medicine, West Virginia Univ. Dir. Hgy. Lab. State Board Health, Morgantown.

Steele, Harry Merriman—Ph. B. Yale 1894; Asst. in Ped. Univ. and Bellevue Hosp. Med. Coll. N. Y. 1902-04; Asst. in Pathol. Yale Med. Sch. 1902-07.—Instr. in Ped. Yale, and Asst. Attend. Phys. New Haven Hosp. and Physician, New Haven.

Tallant, Alice Weld—A. B. Smith 1897; Grad. Student, Mass. Inst. of Tech. 1897-98; Interne, New England, Hosp. Boston, 1902-03; Med. Exam. for the Gymnasium, Bates Coll. Lewiston, Me. 1903-05; Asst. Phys. Disp. of New Eng. Hosp. 1904-05.—Prof. of Obstet. Woman's Med. Coll. of Penna. and Obstet, in chief to Hosp. of Woman's Med. Coll. Phys. Girls' Dept. Glen Mills Schools, and Physician, Phila.

Van Arsdall, Condit Brewer—A. B. Kentucky Wesleyan 1894, and A. M. 1898; A. B. Michigan 1898.—Physician, 527 Poplar St., Harrodsburg, Ky.

Van Denburgh, John — A. B. Stanford 1894, A. M. 1895, and Ph. D. 1897; Hon. Curator, Dept. of Science; Act. Chief Children's Clinic, San Francisco Polyclinic, 1902-03; Visit. Phys. King's Daughter's Home for Incurables; Asst. Visit. Gynecol. St. Luke's Hosp. Surg. Telegraph Hill Neighborhood Assn. 1904-06.—Asst. Surg. San Francisco Polyclinic, and Physician, San Francisco.

Wight, Otis Buckminster—A. B. Stanford 1898; R. H. O. 1902-03.—Asst. Prof. Gynecol. Univ. of Oregon, and Physician, Portland.

Williams, Clara Louise—S. B. California 1897, and M. S. 1898; Interne, St. Luke's Hosp. San Francisco, 1902-03.—Physician, Berkeley, Cal.

Williams, Dudley—A. B. 1897; Grad. Student, 1897-98; Grad. Student (Pathol.), Harvard Med. School, 1902-03; Asst. Phys. and Phys. Baltimore, 1903-13.—Asst. Med. Exam. P. R. R. Altoona, Pa.

Wright, Charles Benjamin—A. B. North Dakota 1898; R. H. O. 1902-03.—Chief Staff, Wells Mem. Free Disp. Visit. Phys. Minn. City Hosp. and Physician, Minneapolis. (57)

Class Secretary—William G. Erving, 922 17th St., Washington, D. C.

1903

Bassett, Victor Hugo—A. B. Knox 1896; Grad. Student, Wisconsin and Michigan, 1897-98; Instr. in Bact. and Clin. Pathol. Northwestern, Chicago, 1903-04; Fellow in Pathol. 1904-05; Prof. Pathol. Wisc. Coll. P. and S. 1905-06; Assoc. Prof. Pathol. Milwaukee Med. Coll. and Asst. Supt. and Res. Pathol. Milwaukee Co. Hosp. Milwaukee, 1906-08.—Bacteriologist, City of Savannah, Ga.

Bixler, Lewis Clyde—A. B. Lafayette 1899, and A. M. 1902; R. H. O. 1903-04.—Physician, Highland Bldg., Pittsburgh.

***Blauvelt, Elizabeth Hedges**—A. B. Bryn Mawr 1896; Interne, N. Y. Infirmary for Women and Children, N. Y. 1903-05; Med. Missionary, Amoy, China, 1905-09. (Died, 1912, Saranac Lake, N. Y.)

Brush, Clinton Ethelbert, Jr.—S. B. New York Univ. 1899; R. H. O. and Asst. in Med. 1903-05.—Attend. Phys. Woman's Hosp. and Physician, Nashville.

Chatard, Joseph Albert—A. B. Loyola 1898; Grad. Student, 1898-99; Asst. Res. Phys. St. Joseph's Hosp. 1903-04.—Assoc. Phys. St. Agnes' Hosp. Dispen. Phys. Instr. in Clin. Med. and Physician, Baltimore.

Chinn, George Edward, Jr.—S. B. Central Coll. (Mo.), 1899; Clin. Asst. Sheppard and Pratt Hosp. Towson, 1903-04.—U. S. Pension Exam. Surg. Clin. Asst. St. Vincent's Hosp. Civil Serv. Exam. Phys. and Physician, Norfolk, Va.

Clark, Alfred Hull—A. B. Cornell 1899; House Surg. Hartford Hosp. Conn. 1903-05.—Physician, 156 W. Utica St., Buffalo, N. Y.

Cornell, William Burgess—A. B. Chicago 1899; Externe, 1903-04; Asst. in Neurol. 1905-10; Prof. of Neurol. Woman's Med. Coll. (Balto.), 1907-10; Clin. Asst. 1904-05; Asst. Phys. Sheppard and Pratt Hosp. 1905-10; Asst. Phys. Danvers State Hosp. Hathorne, Mass. 1910-12.—Exec. Secy. Mental Hygiene Comm. Asst. Disp. Psychiatrist, and Physician, Baltimore.

Dewey, Emma Grace—S. B. Wellesley 1885, and A. M. 1894; Grad. Student, Chicago 1898-99; Interne, The Babies' Hosp. N. Y. Rockefeller Institute for Med. Research (Summer, 1903). — Pathol. and Radiog. Passavant Mem. Hosp. and Physician, Jacksonville, Illinois.

Dudley, Harlan—Ph. B. Oberlin 1897; Graduate Student, 1898. — Physician, Jefferson, O.

***Eddy, Dana Lee**—A. B. Yale 1898.—Leavenworth, Kans.

Fayerweather, Roades—A. B. Harvard 1899; Orthopedic House Surg. Carney Hosp. 1903-04.—Disp. Surg. Asst. in Clin. Orthopedic Surg. and Surgeon, Baltimore.

Fischer, John Somerville—A. B. 1898; and Grad. Student, 1898-99; Asst. Res. Phys. St. Joseph's Hosp. Balt. 1903-04.—Chief Med. Clinic, St. Joseph's Hosp. Disp. Assoc. in Diseases of Children, B. M. C. and Physician, Baltimore.

Gaenslen, Frederick Julius—S. B. Wisconsin 1899; Grad. Student, Harvard 1901; Interne, German Hosp. N. Y. 1903-06.—Attend. Orth. Surg. Staff, Milwaukee Children's Hosp. and County Hosp. Mem. Amer. Ortho. Assn. F. A. C. S. and Physician, Milwaukee.

Gaines, Lewis McFarland—A. B. and S. B. Hampden-Sidney 1898; Grad. Student, Univ. of Virginia 1898-99; First Asst. Surg. R. I. Hosp. Providence, and House Phys. Providence Lying-in Hosp. (three months), 1903-04; Prof. of Anat. and Physiol. Med. Dept. Wake Forest Coll. Supt. Wake Forest Hosp. N. C. 1904-08.—Assoc. Prof. Ment. Diseases and Clin. Neur. Sch. Med. Emory Univ. and Physician, Atlanta, Georgia.

Geraghty, John Timothy — A. B. St. Thomas Coll. 1895; Ph. B. St. Paul Seminary, 1897; Grad. Student, 1897-98; R. H. O. 1903-04.—Urol. in Chg. and Assoc. Prof. of Clin. Urol. Surg. Visit. G.-U. Surg. City Hosp. Bayview, and Surgeon, Baltimore.

Goldsborough, Francis Colquohoun—S. B. Princeton 1889; Interne in Obstet.; Asst. Res. Gynecol.; Obstet'n in chg. and Res. Obstet. 1903-07.—Instr. and Asst. Obstetrician, 1907-10. — Prof. Obstetrics. Univ. of Buffalo, and Physician, Buffalo, N. Y.

Grant, Justin Frank—Ph. B. Yale 1898; Prof. of Anat. and Pathol. Univ. of W. Va. Morgantown, 1903-10; Prof. Anat. Atlanta Coll. P. and S. Atlanta, 1910-12.—Dept. Exp. Med. Parke, Davis & Co., Boston.

Haskell, Louis Wardlaw, Jr. — A. B. 1899; Asst. in Surg. Pathol. 1903-04; House Officer, General Mem. Hosp. N. Y. 1905-06.—Assoc. Prof. Surg. Univ. of Tenn. Attend. Surg. Memphis City Hosp. and Baptist Mem. Hosp. and Physician, Memphis, Tenn.

Hirschfelder, Arthur Douglass — S. B. California 1897; Student in Paris and Heidelberg, 1898-99, and Berlin, 1906; R. H. O. 1903-04; Asst. in Med. Cooper Med. Coll. Asst. Phys. City and County Hosp. and Physician, San Francisco, 1904-05; Volun. Asst. in Med. 1905-06; Instr. and Assoc. in Med. in charge of the Physiol. Lab. of Med. Clinic, 1906-13.—Prof. Pharmacol. Univ. of Minnesota, Minneapolis.

Hopkins, Ross.—A. B. and S. B. Campbell Univ. 1897; A. B. Kansas State Univ. 1899; Grad. Student, Chicago 1899.—Physician, 4549 Clayton Ave., St. Louis.

Hutchins, Henry Talbot—A. B. Amherst 1899; R. H. O. Asst. Res. and Res. Gynecol. 1903-07; Asst. and Instr. in Gynecol. 1906-07. — Consult. Gyne. Rufus S. Frost Gen. Hosp. Chelsea and Mem. Hosp. Pawtucket (R. I.), Surg. to O. P. D. The Free Hosp. for Women, Brookline, Mass. Asst. in Gynecol. Harvard, and Physician, Boston.

Jones, Clement Levi—S. B. Washington and Jefferson 1899, and M. S. 1904; Clin. Asst. Med. Starling Med. Sch. Pathol. Hawkes Hosp. of Mt. Carmel, Columbus, O. 1903-06.—Direc. and Pathol. Springfield City Hosp. and Physician, Springfield, O.

Tayler-Jones, Louise — A. B. Wellesley 1896; M. S. Columbian 1898; Asst in Pediatrics, Freedman's Hosp. Physician, The Foundling Hosp. and Nat. Florence Home, Phys. Summer Camp for Sick Babies, and Physician, Washington, D. C.

Keidel, Albert—A. B. (Feb. 22) 1900; Clinical Asst. in Med. 1903-06.—Instr. in Clin. Med. and Disp. Surg. and Physician, Baltimore.

Lazenby, Maurice—A. B. (Feb. 22) 1900; House Phys. Church Home and Infirmary, 1903-05.—Assoc. in Obstet. Coll. P. & S. Asst. in Gynecol. Univ. of Md. Asst. in Clin. Urology, and Surgeon, Baltimore.

Loevenhart, Arthur Solomon—S. B. Kentucky State Univ. 1898, and M. S. 1899; Asst. and Assoc. in Physiol.-Chemistry, and Pharm. 1903-06; Associate Professor, 1906-08.—Prof. Pharm. and Toxicol. Univ. Wisconsin, Madison.

Long, Henry D.—A. B. Washington and Jefferson 1894, and A. M. 1897; Cornell Summer School, 1897; R. H. O. 1903-04; Asst. Surg. U. S. Public Health and Marine Hosp. Service, Ellis Island, N. Y. 1905-07.—Physician, 129 W. 46th St., N. Y.

Long, Margaret—A. B. Smith 1895; Grad. Student, Mass. Inst. Tech. 1896-97; Interne, N. Y. Infirmary for Women and Children, 1903-04.—Physician, 228 Metropolitan Bldg., Denver, Col.

***Lupton, Edward Janney Sidwell**—S. B. Columbian 1899; First Asst. Res. and Res. Physician, Columbia Hosp. Washington, D. C. 1903-04.

Lynch, Leo Augustine—A. B. Yale 1899; Asst. House Surg. Society Lying-in Hosp. N. Y. 1903-04; Interne, City Hosp. Blackwell's Island, 1904-05.—Visit. Surg. Swedish Hosp. and Physician, Brooklyn, N. Y.

Manning, William Sanders—S. B. Columbian 1899; F. A. C. S. 1914; Clin. Asst. The Emergency Hosp. Washington, D. C. 1903-04; Ophthalmol. St. Luke's Hosp. and S. A. L. R. R. and Physician, Jacksonville, Fla.

Marshall, Watson—A. B. Princeton 1899. Oto-Laryngol. St. Margaret Mem. Hosp. and Dmnstr. in Laryn. U. of Pittsburgh Med. Sch. Pittsburgh.

Miller, Robert Talbott, Jr.—A. B. Amherst 1899; R. H. O. and Asst. Res. and Res. Surg. and Instr. in Surg. 1903-09.—Surg. to St. Francis' Hosp.

to Tuber. League of Pittsburgh; Assoc. Prof. Surg. U. of Pittsburgh, and Surgeon, Pittsburgh, Pa.

Morse, Mary Elizabeth—A. B. Goucher College 1899; Res. Phys. Evening Disp. for Working Women, Balt. 1904-05; Asst. Phys. East. Mich. Asylum for the Insane, Pontiac, 1905-06; Asst. Pathol. Worcester State Hosp. Worcester, Mass. 1912-15.—Path. State Hosp. Boston.

Moulton, Willis Bean—A. B. Bowdoin 1899; R. H. O. 1903-04.—Fellow, Amer. Acad. Med. Instr. in Gynecol. Med. Sch. of Maine, Adj. Surg. Maine Gen's Hosp. Consult. Surg. Webber Hosp. and Surgeon, Portland, Me.

Neagle, Harry Benjamin—A. B. Bowdoin 1899.—Asst. Phys. The Loomis Sanatorium, Liberty, N. Y.

Rainforth, Selden Irwin—S. B. Cincinnati 1899, and A. M. 1900; LL. B. N. Y. Law Sch. 1908; House Surg. Presby. Hosp. N. Y. 1904-05.—Attend. Dermatol. Vanderbilt Clinic, and Physician, N. Y.

Riggs, Theodore Foster—A. B. Beloit 1898; R. H. O. 1903-04; Asst. Res. and Res. Surg. Union Prot. Infirmary, Baltimore, 1904-07; Grad. Student, Berlin, 1907-08; Private Asst. to Dr. Elting, Albany, N. Y. 1908.—Attend. Staff, St. Mary's Hosp. Visit. Surg. Onida Hosp. and Surgeon, Pierre, South Dakota.

Riley, Benjamin Franklin, Jr.—S. B. Georgia 1898. — County Physician, Surg. Georgia R. R. and Physician, Thomson, Ga.

Robinson, George Canby—A. B. 1899; Asst. Dmnstr. of Anat. Cornell, Ithaca, N. Y. 1903-04; Res. Pathol. and Res. Phys. Penna. Hosp. 1904-08; Director, Pathol. Lab. Presbyterian Hosp. and Physician, Philadelphia, 1909-10; Res. Phys. Roskefeller Hosp. and Assoc. in Med. Rockefeller Institute, N. Y. 1910-13.—Assoc. Prof. Medicine, Washington Univ. St. Louis.

Rucker, Marvin Pierce—A. M. Randolph-Macon 1899; Virginia Med. Coll. 1899-00.—Assoc. Attend. Obstet. Mem. Hosp.; Instr. Obstet. Med. Coll. of Va. Surg. A. C. L. Ry. and Physician, Richmond, Va.

Schmitter, Ferdinand—A. B. Union Coll. 1899; Instr. in Anat. Univ. of Wisconsin, Madison, 1903-05; First Lieut. Med. Corps, U. S. A. Fort Egbert, Alaska, 1905-08.—Capt. Med. Corps, U. S. A., 498 2d Ave., Albany, N. Y.

Schultz, Oscar Theodore—A. B. Indiana 1897; Res. Pathol. Charity Hosp. Cleveland; Brooklyn Inst. Biol. Lab. and Columbia Univ. N. Y. 1903-04; Dmnstr. and Instr. of Pathol. and Proto-zoölogy, Western Reserve Univ. Cleveland, 1904-10; Asst. Prof. Pathol. *ibid.* 1910-13.—Pathol. Methodist Wise & Douglas Co. Hosps.; Prof. Pathol. and Bact. Univ. Nebr. Omaha.

Smith, Winford Henry—A. B. Bowdoin 1899; Res. Gynecol. The Lakeside Hosp. Cleveland, 1903-05; Hosp. Physician, N. Y. Dept. of Health, 1905-06; Supt. the Hartford Hosp. Conn. 1906-09; Gen'l Med. Supt. Dept. Bellevue and Allied Hospitals, New York, 1909-11.—Supt. J. H. Hospital.

Stevens, Alexander Raymond — A. B. 1896; R. H. O. 1903-04; Director, Analytical Lab. of Frazer & Co. N. Y. 1904-05; House Surg. Presbyterian Hosp. N. Y. 1907-08.—Asst. Attend. G.-U. Surg. Bellevue Hosp. Chief G.-U. Clin. Presb. Hosp. Instr. G.-U. Surg. N. Y. Univ. and Physician, N. Y.

Travis, Catherine Hutchison—A. B. McGill 1895; Grad. Student, Harvard Summer School 1899; House Officer, N. E. Hosp. for Women and Children, Boston, 1903-04.—Pathol. New Britain Hosp. and Physician, New Britain, Conn.

***Watson, Frank Hosford**—S. B. Wisconsin 1899; R. H. O. 1903-04. **Dec.* 15, 1909.

Young, Charles Whittier—S. B. Univ. of Illinois 1897; R. H. O. 1903-04.—Prof. Bacteriol. and Pathol. and Dean, Union Med. Coll., Peking, China.

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Class Secretary—John T. Geraghty, 330 N. Charles St., Baltimore.

1904

Bacon, Jay Harvey—S. B. Knox 1900; Pathol. Lakeside Hosp. Cleveland, 1904-05.—Mbr. Staff, The Procter Hosp. Phys. The Crittenden Home; Surg. Visit. Phys. The Bacon Mission Disp. Mem. Med. Legisla. Comm. Ill. State Med. Soc. and Surgeon, Peoria, Illinois.

Baker, Theodore—A. B. Princeton 1900; Asst. Disp. Urologist, 1912-13.—Asst. Urologist St. Francis Hosp. and Physician, Pittsburgh.

Bean, Robert Bennett—S. B. Va. Polytech. Inst. 1900; Asst. in Anat. 1904-05; Instr. in Anat. Univ. of Mich. Ann Arbor, 1905-06; Assoc. Prof. Anat. The Philippine Med. Sch. Manila, 1907-10.—Prof. Gross Anat. Tulane Univ. New Orleans.

Bennett, Ruth—(Mrs. L. S. Morgan), A. B. Illinois 1899, and Grad. Student 1899; Asst. Phys. and Surg. Tsing Kiang pu Hosp. Tsing Kiang pu, Kiang Pu Prov. China, 1905-09.—Med. Missionary Hai Chow via Chinkiang, China.

Bergland, John McFarland—S. B. Princeton 1900; Interne in Obstet. and Asst. Res. Obstet. 1904-06; Asst. in Obstet. 1906-12.—Visit. Obstet. Church Home and Infirm. and Hosp. Women of Md. and Physician, Baltimore.

Bonta, Maurice Buford—A. B. Ky. Wesleyan 1894; S. B. Michigan 1897; R. H. O. 1904-05; Res. Gynecol. Lakeside Hosp. Cleveland, 1905-06.—Med. Inspr. Public Schs. and Physician, Cleveland, O.

Brem, Walter Vernon, Jr.—S. B. N. Carolina 1896; Med. Dept. 1898-00; R. H. O. 1904-05; Phys. Ancon Hosp. 1905-07; Chief Med. Clin. Colon Hosp. Cristobal, C. Z. 1907-11; Prof. Pathol. and Bacteriol. Los Angeles Brch. of Med. Dept. Univ. Calif. 1911-14.—Dir. Sthn. Branch State Hygienic Lab. and Physician, Los Angeles.

Caldwell, Julius Alexander, Jr.—S. B. N. Carolina 1899; Med. Dept. 1899-00, and Summer Sch. 1900; R. H. O. and Asst. Res. Gynecol. 1904-06.—Physician, The Crescent, Montclair, New Jersey.

Carr, John Robert—A. B. N. Carolina 1899, Med. Dept. 1899-00, and Summer Sch. 1900; R. H. O. and Asst. Res. Surg. 1904-06.—Physician, 34 Erskine St., Detroit, Mich.

Casler, DeWitt Bellinger—A. B. Yale 1900; R. H. O. Asst. in Gynecol. and Asst. Res. Gynecol. 1904-08; Instr. in Gynecol. and Res. Gynecologist 1908-09.—Physician, 19 W. Chase St., Baltimore.

Edwards, Ralph Torrey — A. B. Knox 1897, and A. M. 1899; Bacteriol. Bureau of Science, Manila, P. I. 1905-08; Director, Gov't Serum Lab. Phrapatoom, Siam, 1908-10. — Physician, Warsaw, Ill.

Egdahl, Anfin — S. B. Wisconsin 1900; Asst. Prof. of Pathol. and Bacteriol. Coll. of Med. State Univ. of Iowa, Iowa City, 1904-08.—Physician, 103 2d St. W., Menomonie, Wis.

Garwood, Harold Gould—S. B. Colorado 1900, and Med. Dept. 1900-01; R. H. O. Minnequa Hosp. Pueblo, Colo. 1904-05; Surg. Colo. Fuel and Iron Co. Redstone, Colo. 1905-06; Sec. Boulder Co. Med. Soc. Res. Surg. Nat. Fuel Co. Northern Coal and Coke Co. and Fox-Patterson Mining Co. Gorham, Colo. 1906-09.—Surgeon, 530 Metropolitan Bldg., Denver, Colo.

Greenbaum, Harry Seliger—A. B. 1899; Student, Univ. of Berlin 1899-00; Instr. in Med. and Asst. Phys. 1905-14.—Physician, 1614 Eutaw Place, Baltimore.

Giffin, Herbert Ziegler—S. B. Princeton 1900; R. H. O. 1904-05; House Officer, Child's Hosp. Philadelphia, 1905-06.—Physician, Mayo Clinic, Rochester, Minn.

Hemenway, Josephine—(Mrs. J. H. Kenyon), A. B. Pritchett Coll. 1898; Bryn Mawr 1899-00; R. H. O. 1904-05; Res. Phys. Babies' Hosp. 1905-11.—57 W. 58th St., New York.

***Kellogg, William Raphael Miles**—A. B. Adelbert 1898; Res. Phys. Seattle Gen'l Hosp. 1904-05. **Oct.* 14, 1908.

Lee, Kenelm Julius — S. B. Wisconsin 1900.—Physician, Fergus Falls, Minn.

Love, John Marion—A. B. and B. L. Hampden-Sidney 1899; Grad. Student 1899-00; Clin. Asst. Ophthalmol. Balt. Eye, Ear and Throat Charity Hosp. 1904-06.—Physician, New Monroe Bldg., Norfolk, Va.

Manwaring, Wilfred Hamilton — S. B. Michigan 1895, Univ. of Chicago, Summer Qrs. 1899-03; Fellow and Asst. in Pathol. Chicago 1904-06; Assoc. Prof. of Pathol. and Bacteriol. Indiana 1905-07; Traveling Fellow, Rockefeller Institute 1907-08, and Asst. in Pathol. and Bacteriol. 1910-13.—Prof. Bact. and Immunity, Leland Stanford Jr. Univ. Cal.

Marshall, Herman Weston—S. B. Mass. Institute Tech. 1897; R. H. O. 1904-05; R. H. O. and Ortho. H. O. Mass. Gen. Hosp. 1906-08; Resch. Asst. Carnegie Inst. Washington 1908.—Asst. Ortho. Disp. Mass. Gen. Hosp. and Ortho. Surg. Boston.

MacCarty, William Carpenter — S. B. Kentucky State 1900, and M. S. 1909; Pathol. Augusta Hosp. Berlin 1904-06.—Surg. Pathol. Mayo Clinic, Rochester, Minn.

***McGouldrick, Ernest Clare**—A. B. Yale 1900. **Jan.* 9, 1912.

Morgan, Lorenzo Seymour—S. B. Knox 1900; Asst. Phys. and Surg. Tsingkiang Pu Hosp. Tsingkiang Pu, Kiang Pu Prov. China, 1905-09.—Med. Missionary, Hai Chow via Chinkiang, China.

Morrison, James Francis—A. B. Harvard 1900; Interne, Conn. State Hosp. for Insane, Middletown, 1904; Interne, Kings Co. Hosp. 1904-06; Asst. Phys. Conn. Hosp. for Insane, Middletown, 1906-08.—Neurol. Kings Co. Hosp. and Polhmaus Mem. Clinic; Assoc. Neurol. Brklyn. Hosp. and Disp. Bushwick Hosp. and Physician, Brooklyn, N. Y.

Nelson, Norman Oscar—S. B. Wisconsin 1900; Res. Phys. Monroe St. Hosp. Chicago, 1904-05.—Physician, 3 W. Main St., Madison, Wis.

Randolph, James Henry—A. B. Fla. State Coll. 1900; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1904-05; Asst. and Chief Phys. Fla. Hosp. for Insane, Chattahoochee, 1905-10.—Physician, St. James Bldg., Jacksonville, Fla.

Reed, Jewett Villeroy—S. B. Kentucky State Coll. 1900; R. H. O. 1904-05.—Asst. Prof. Surg. Indiana Univ. Sch. of Med. and Asst. Consult. Surg. City Hosp. Indianapolis.

Remsen, Charles Mallory—A. B. 1899, and Grad. Student 1899-00; R. H. O. Asst. Res. Phys. and Asst. Surg. Pathol. 1904-10; Res. Surg. and Instr. in Surg. 1910-11.—Surgeon, Candler Bldg., Atlanta, Ga.

Ricker, William Gray—A. B. Yale 1900; House Surgeon, Montreal Gen. Hosp. Can. 1904-05; Visit. Phys. The Littleton Hosp. and Phys. Wells River, Vt. 1905-11. — Physician, St. Johnsbury, Vermont.

Rosencrantz, Esther—A. B. Leland Stanford Jr. 1899; Barnard Coll. 1899-00; Interne, N. Y. Infirmary for Women and Children, 1905-06.—Clin. Asst. Out-Pat. Dept. Brompton Hosp. for Consumption, etc. London, Eng. 1906-07; Asst. Attend. Phys. Tuberculosis Clinic, N. Y. Board of Health, 1907; Clin. Asst. P. G. Med. Sch. and Hosp. and Phys. N. Y. 1907-09.—Physician, San Francisco, Cal.

Sachs, Ernest—A. B. Harvard 1900; Interne, Mount Sinai Hosp. N. Y. 1904-05; Grad. Stud. Berlin, 1907; Clin. Clk. Nat. Hosp. London and Sir Victor Horsley's Lab. Univ. Coll. 1908; Neurol. Surg. Montefiore Home and Beth Israel Hosp. Adj. Asst. Surg. Bellevue Hosp. and Chief Surg. Clinic Out-Patient Dept. and Phys. N. Y. 1908-10.—Assoc. Surg. Barnes Hosp.; Chf. Surg. Clin. Wash. Univ. Disp.; Assoc. Prof. Surg. Washington Univ. Med. Sch. St. Louis.

Schell, Orville Hickok—A. B. Yale 1900; House Surg. Mount Sinai Hosp. New York, 1904-07; Med. Missionary, Changsha, Hunan Prov. China, 1907-08.—Assoc. Physician, New Rochelle Hosp. and Physician, New Rochelle, N. Y.

Stone, Harry Russell—Ph. B. Conn. Wesleyan 1899; Interne, Hudson St. Hosp. N. Y. 1904-05; House Phys. and Surg. Private Patients' Bldg. N. Y. Hosp. 1905-07; Deputy Attend. Phys. Hudson St. Hosp. 1909-10.—Physician, 450 Riverside Drive, New York.

Storrs, Henry John—A. B. Amherst 1899; Interne, Asst. Res. Obstet. Res. Obstet. and Asst. 1904-09.—Phys. in charge, St. Louis Maternity Hosp. and Instr. Obstet. and Gynecol. Washington, Univ. St. Louis.

Taneyhill, George Lane, Jr.—A. B. 1900; Externe, 1904-05; Asst. Phys. and Asst. in Med. 1905-09.—Instr. in Clin. Neurol. Disp. Neurol. and Physician, Baltimore.

Terry, Benjamin Taylor—A. B. Vanderbilt 1898, and A. M. 1900; Univ. Chicago, Summer Qrs. 1900-1902, and 1904; Univ. of Freiburg, i. B. Summer, 1901; Harvard Med. Sch. Summer, 1903; Fellow in Pathol. Chicago, 1904-05; Grad. Student, Univ. Mich. Summers 1905,1908, 1911 and 1912; Grad. Student, Columbia Univ. 1905-06; Univ. of Munich and Pasteur Institute, Paris, 1906-07; George Speyer Haus, Frankfurt a. M. 1910; Fellow and Asst. Rockefeller Inst. 1906-10; Assoc. in Protozoölogy, Rockefeller Institute for Med. Resch. N. Y. and Co-Editor, Jour. Exp. Med. 1911-13.—Director Laboratories, Kings Co. Hosp. Brooklyn.

Thompson, William Lawton—A. B. Bowdoin 1899; House Surg. City Hosp. Worcester, Mass. 1904-05; Surg. Soc. Lying-in Hosp. N. Y. 1905-06; Dist. Phys. Boston Disp. and Asst. in Path. and Bact. and Instr. in Obstet. Tufts Coll. Med. Sch.—Physician, 76 William St., New York.

Tyler, George Thomas, Jr.—A. B. Randolph-Macon 1896, and A. M. 1897; Summer Sch., Columbian Univ. 1899; Interne, Union Prot. Infirmary, Balt. 1904-06; Contract Surg. U. S. A. Fort Porter, N. Y. 1906-11. — Surgeon, Greenville, S. C.

Vogeler, William Jerome—A. B. Yale 1900; Res. Phys. St. John's Riverside Hosp. Yonkers, N. Y. 1904-06; Interne, Nursery and Child's Hosp. N. Y. 1906-07. — Attend. Phys. St. John's Riverside Hosp. and Sprain Ridge Hosp. for Tuberculosis, Clin. Asst. Vanderbilt Clinic, N. Y. Consult. Phys. Co. Hosp. Westchester, and Physician, Yonkers, N. Y.

Washburn, Robert Glendenning — S. B. Wisconsin 1900; Wisc. Coll. P. and S. 1900-01.—Dermatol. Milwaukee Co. St. Mary's and Maternity Hospitals; Prof. Dermatol. Marquette Univ. and Physician, Milwaukee.

Weaver, Louis Schneider—A. B. Pa. Coll. 1899, and Yale 1900; House Surg. R. I. Hosp. Providence, 1904-06.—Staff, York Hosp. and Penna. State Tuberculosis Disp. and Physician, York, Pa.

Willock, John Scott—S. B. Princeton 1900; Res. Phys. Allegheny Gen. Hosp. Pa. 1904-05; Physician, Hampson & Smith, Railroad Contractors, Mexico, 1907; Waverly Oil Wks. Co. Pittsburgh, Pa., 1907-12.—Asst. in Clin. Dermatol. and Asst. Disp. Dermatol.

Wilson, Walter Scott — A. B. N. Ga. Agricult. Coll. 1880; A. M. Univ. of Ga. 1884; Grad. Student, 1893-94, and Univ. of Chicago, 1896-97.—Physician, 117 Jones St. W., Savannah, Ga.

Wilson, Winfred — A. B. Weatherford Coll. 1900.—Physician and Surg. Wilson Sanitarium, Memphis, Tex.

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Class Secretary—DeWitt B. Casler, 9 W. Chase St., Baltimore, Md.

1905

Abercrombie, Ronald Taylor—A. B. 1901; Res. Phys. Church Home and Infirmary, 1905-06.—Director of the Gymnasium, Instr. School Hygiene, Summer Sch. J. H. U. Asst. Dispen. Surg. and Physician, Baltimore.

Baer, Clarence Allen—B. L. Wisconsin 1900, and S. B. 1901; Michigan, Summer of 1901; Grad. Student, Univ. of Paris, 1905-06; Asst. St. Louis Hosp. Paris, 1906-07; Externe in Dermatol. 1907.—Physician, 128 Wisconsin St., Milwaukee, Wis.

Baldauf, Leon Kahn—A. B. 1901; Asst. Bender Hygienic Laboratory, and Instr. Bact. and Pathol. Albany Med. Coll. Albany, N. Y. 1905-07; Asst. City Pathol. St. Louis, 1907-10.—Prof. Pathol. and Bact. Univ. Louisville, Ky.

Ballou, Alice May — (Mrs. George W. Eliot), Ph.B. Brown 1900, and A. M. 1901; Interne, New England Hosp. Roxbury, 1905-06.—Weston, Mass.

Beall, Khleber Heberden—S. B. and M. S. Texas 1899; R. H. O. and Asst. Res. Phys. 1905-07.—Member Texas State Board Health, and Physician, Fort Worth.

Bernheim, Bertram Moses—A. B. 1901; Asst. in Surgery, 1913.—Instr. in Clin. Surg. Dispen. Surg. and Surg. Baltimore.

Constantine, Kosciusko Walker — A. B. 1901, Grad. Student Vienna and London, 1905-07; F. A. C. S. 1913.—Prof. Ophthalmol. Grad. Sch. of Med. Univ. of Ala. Oculist, Hillman and St. Vincent's Hosps. Ophthal. Surg. Birmingham, Ala.

Cowles, Calvin Duvall, Jr.—A. B. Guilford Coll. 1900, and North Carolina 1901; Interne in Obstet. 1905-06.—Capt. Med. Corps, U. S. A. Fort Sam Houston, Tex.

Cutter, William Dick—A. B. Yale 1899; Student, Univ. of Bern 1900; Interne, French Hosp. N. Y. 1905-06; Asst. Physician, Hosp. Dep. Copper Queen Con. Mining Co. Bisbee, Ariz. 1906-09.—Prof. Physiol. and Pharm. Univ. Ga. Augusta.

Danforth, Murray Snell—A. B. Bowdoin 1901; Interne, R. I. Hosp. Providence, 1906-08. — Surg. Dept. Ortho. Surg. and Asst. Pathol. Radiographic Work, R. I. Hosp. Consult. Ortho. Surg. Providence Hosp. Asst. Ortho. Surg. O. P. D. Mass. Gen'l Hosp. and Physician, Providence.

Dascombe, Otho Lee — A. B. Bowdoin 1901; Res. Phys. and Surg. Externe, Waltham Hosp. Mass. 1905-08.—Asst. Phys. *ibid.* Visit. Phys. Waltham Baby Hosp. and Physician, Waltham, Mass.

Davenport, Howard Irving—A. B. Hamilton 1901, and A. M. 1904; Instr. Bacteriol. and Pathol. Syracuse Univ. Med. Sch. Syracuse, N. Y. 1905-06; County Bacteriol. Ont. Co. Lab. Canandaigua, N. Y. 1906-09.—Pathol. City Hosp. Physician and City Bacteriol. Auburn, N. Y.

Davidson, Homer J.—S. B. Wabash 1899, and A. M. 1910; Res. Phys. Seattle General Hospital, Wash. 1905-06.—Physician, Amer. Bank Bldg. Seattle.

Dodds, Solon Arthur—Ph. B. Wesleyan (Conn.), 1901; Interne in Obstet. and Asst. Res. Gynecol. 1905-07; Physician, Salisbury, N. C. 1907-10; Asst. in Obstetrics, 1912-14. — Physician, 3101 Clifton Ave., Baltimore.

Dowman, Charles Edward, Jr. — A. B. Emory 1901; Student, Vanderbilt 1901; F. A. C. S. (1914); Path. Inst. Charlottenburg Krankenhaus, Berlin, 1905-06; Vol. Asst. Univ. Chirurg. Klin. Breslau, 1906-07; Clin. Clk. Nat. Hosp. for Paralytics and Epileptics, London, 1907; Visit. Surg. and Pathol. Hillman Hosp. 1909-13; Prof. Pathol. B'ham Med. Coll. 1911-13; Surg. Hillman Hosp. Assoc. Surg. Grad. Dept. U. of Ala. 1913-15.—Instr. Clin. Surg. Emory Univ. and Surg. Atlanta, Ga.

Eyster, John Augustine English—S. B. Maryland Agricultural 1899; Grad. Student, 1899-01; Fellow, Asst. Instr. and Assoc. in Physiol. 1905-08; Prof. of Pharmacol. Univ. of Virginia, Charlottesville, 1908-10. — Prof. Physiol. Univ. Wis. Madison.

Faris, Clifton Maupin — A. B. Leland Stanford, Jr. 1900; R. H. O. 1905-06; Asst. Dr. H. A. Kelly's Sanitarium (Balt.) 1906-07. — Surgeon, Sacramento, Cal.

Ford, Frederick Reynolds—S. B. Colgate 1901; R. H. O. 1905-06.—Pathol. St. Luke's Hosp. Physician, Utica, N. Y.

Freeman, Allen Wier—S. B. Richmond 1899; Grad. Student, 1900-1901; Interne, Newark City Hosp. N. J. 1905-06.—Asst. Com. Health, State of Va. Richmond.

Gilman, Philip Kingsnorth—A. B. Leland Stanford Jr. Univ. 1901; Asst. in Oper. Surg. (H. L.) and Asst. Res. Surg. 1905-07; Asst. Prof. Path. and Prof. Surg. Philippine Gen'l Hosp. 1907-12.—Prof. Surg. Coll. Med. and Surg. Univ. of Philippines; Chief Surg. Philippine Gen'l Hosp. Manila, P. I.

Grier, Sarah Mabel—(Mrs. C. B. Lesher), A. B. Bucknell 1901, and A. M. 1904; Res. Phys. Syracuse Hosp. N. Y. 1905-06.—Med. Missionary, Amer. Baptist Mission, Swatow, China.

Hale, Edith—(Mrs. W. B. Swift), A. B. Radcliffe 1901; Interne, New England Hosp. Roxbury, 1905-06; Grad. Student, Berlin, Ger. 1908-10.—Attend. Phys. N. Eng. Hosp. and Disp. and Physician, Boston.

***Hall, Francis Jenks**—A. B. Yale 1899; Interne, Methodist Episcopal Hosp. Philadelphia, 1905-06. **May,* 1913.

Haller, Julius Theodore—S. B. Chicago 1901; F. A. C. S., Grad. Student, Vienna, Austria 1910.—Physician, Security Bldg., Davenport, Iowa.

Hempsted, Helen—A. B. Allegheny Coll. 1900; Cornell 1900-01; Interne, N. Y. Infirm. 1905-06; Asst. Phys. Babies' Hosp. N. Y. 1906-07.—Physician, Euclid-Doan Bldg., Cleveland, O.

Hepburn, Thomas Norval—A. B. Randolph-Macon 1900, and A. M. 1901; F. A. C. S., 1914; Interne, Hartford Hosp. Conn. 1905-07.—Asst. Surg. Hartford Hosp. and Surgeon, Hartford.

Higgins, Reuben Paul — A. B. Cornell 1902, and Med. Dept. 1900-02.—Ophthalmol. Cortland Hosp. and Children's Home, and Physician, Cortland, N. Y.

Hooker, Donald Russell — A. B. Yale 1899 and M. S. 1901; Grad. Student, Berlin, 1905-06; Asst. Instr. and Assoc. in Physiol. 1906-10.—Mng. Editor, Amer. Jour. Physiol. and Associate Professor.

Houghton, Henry Spencer—Ph. B. Ohio State 1901; Asst. Rockefeller Institute for Med. Research, N. Y. 1905-06; Phys. Wuhu Gen'l Hosp. China, 1906-11.—Dean and Prof. Trop. Med. Harvard Med. Sch. of China, Shanghai.

Lankford, Henry Marshall—A. B. Western Maryland 1901, and A. M. 1905.—Physician, Princess Anne.

Lawson, George Bilton—A. M. Randolph-Macon 1899; Res. Phys. Kings Co. Hosp. Brooklyn, N. Y. 1905-07.—Physician, Roanoke, Va.

Leopold, Eugene Joseph — A. B. 1901, Grad. Student. Berlin; "Volunteer" Stadisches Krankenhaus, Munich, and Grad. Student, London, 1905-07. — Visit. Phys. Hebrew Hosp. Dispen. Phys. and Asst. in Clin. Med. and Physician, Baltimore.

Marine, David—A. B. Western Maryland 1900; Grad. Student, 1900-01; Res. Pathol. The Lakeside Hosp. Cleveland, 1905-06; Dmnstr. Neuropath. 1906.—Assoc. Prof. Exp. Med. Western Reserve Univ. and Physician, Cleveland.

Martelle, Henry Augustus—A. B. Bowdoin 1901; House Officer, Hartford Hosp. Conn. 1905-07.—Physician, 112 High St., Hartford, Conn.

McDonald, Archibald Leete—A. B. North Dakota 1901; Asst. Prof. in charge of Anat. Univ. of North Dakota, and Physician, Grand Forks, 1905-11.—Physician, Fidelity Bldg., Duluth, Minn.

Meyer, Arthur William—B. S. Wisconsin 1898; Asst. and Instr. in Anat. 1905-07; Asst. Prof. Anat. Univ. of Minn. Minneapolis, 1907-08; Prof. Anat. N. W. Univ. Med. Sch. Chicago, 1908-09.—Prof. Human Anat. Stanford Jr. University, Stanford Univ. Cal. Palo Alto.

Moss, William Lorenzo—S. B. Georgia 1901; R. H. O. and Asst. Phys. J. H. Disp. 1905-07; Grad. Student, Berlin, 1907; Instr. in Med. in charge Research Lab. Phipps Disp. 1908-10; Assoc. in Clin. Med. and Asst. Res. Physician, 1910-14.—Internist, State Instn. Study Malig. Diseases, Buffalo, N. Y.

Mumford, Eugene Bishop—S. B. Wisconsin 1901; Res. Phys. Children's Hosp. Boston, 1905-06; Interne, Governeur Hosp. N. Y, and Ship Surg. Booth Steamship Co. 1906-08.— Director, Bureau Contag. Diseases, City Board Health, 1908-12; Physician, Children's Aid Assn. Visit. Pediatrician, City Hosp. 1910-14; Res. Surg. Children's Hosp. Boston, 1913-14.—Asst. Clin. Pediatrics, Ind. Univ. Sch. Med. Orthop. Surg. City Hosp.; Mbr. City Bd. Health; Orthop. Surg. Indianapolis.

Paullin, James Edgar, Jr.—A. B. Mercer 1900, Grad. Student, 1900-01; Res. Pathol. R. I. Hosp. Providence, 1905-06; Asst. Prof. Pathol. Atlanta Coll. P. and S. Pathol. Ga. State Bd. Health, 1907-11; Asst. Visit. Physician, Grady Hosp. Adj. Prof. Med. Atlanta Med. Coll. 1913-15.—Prof. Clin. Med. Emory Univ. Atlanta, Ga.

Rehberger, George Edward—A. B. 1901; Jr. Asst. Craig Colony for Epileptics, Sonyea, N. Y. 1906-09.—Physician, Ymir, B. C. Cana.

Richardson, Edward Henderson — A. B. Hampden-Sidney 1900; Grad. Student, J. H. U. 1900-01; R. H. O. Asst. Res. and Res. Gynecol. and Instr. 1905-12.—Asst. Visit. Gynecol.; Assoc. in Clin. Gynecol. Gynecol. in chg. and Physician, Baltimore.

Ricksher, Charles—S. B. Parsons Coll. (Ia.) 1901, M. S. 1905; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1905-06; Student, Munich and Zürich, 1906-07; Asst. Physician, Danvers State Hosp. Hathorne, Mass. 1907-10; Chief of Clinic, Neurol. Institute, N. Y. City, 1910-11; Asst. in Clinical Psychiatry, Manhattan State Hosp. Ward's Island, N. Y. 1911-12; Asst. Physician, Kankakee State Hosp. Hospital, Ill. 1912-13.—Pathol. State Psycopath. Inst. Kankakee, Ill.

Rindlaub, Martin Phillip, Jr.—B. L. Wisconsin 1896; Chicago 1897 and 1900; Berlin 1900-01.—Oculist, Fargo, N. D.

Rous, Francis Peyton—A. B. 1900; R. H. O. 1905-06; Instr. in Pathol. Univ. of Mich. Ann Arbor, 1906-08; Asst. and Assoc. Rockefeller Inst. 1909-12.—Assoc. Member in Pathol. and Bact. The Rockefeller Inst. for Med. Research, N. Y.

Schloss, Oscar Menderson—S. B. Alabama Polytechnic 1901; Res. Phys. Kings Co. Hosp. Brooklyn, N. Y. 1905-07; Res. Phys. Nursery and Child's Hosp. N. Y. 1907-08.—Asst. Attend. Pediatrist, N. Y. Nursery and Child's Hosp. Attend. Phys. Childn. Disp. and Adj. Asst. Visit. Phys. Childn's Ward, Bellevue; Asst. Pediatrics, Coll. P. & S. Columbia, and Physician, N. Y.

Slocum, Robert Barnard—Ph. B. Rochester 1900, and Grad. Student 1900-01; R. H. O. 1905-06; Supt. Walker Mem. Hosp. Wilmington, 1906-08.—Surg. A. C. L. and Surgeon, Wilmington, N. C.

Smead, Lewis Frederick—A. B. Wooster 1901; Summer Sch. Wisconsin 1901; Senior Res. Phys. Union Protestant Infirmary, Baltimore, 1905-07.—Surg. St. Vincent's and Toledo Hospitals, and Physician, Toledo, O.

Stone, Charles Walter—A. B. Washington and Jefferson 1901, and A. M. 1904; Interne and Res. Phys. Lakeside Hosp. Cleveland, 1905-08; Dmnstr. in Med. West. Reserve, 1908; Grad. Student, Berlin, Paris, London, 1908-09; Instr. Nerv. Diseases, Western Reserve, 1909, and Lect. and Asst. Prof. of Nervous Diseases, 1910-12.—Visit. Neurol. Cleveland City Hosp. Physician in charge Disp. for Nervous Diseases, and Visit. Neurol. Lakeside Hosp. Visit. Pathol. Huron Road Hosp. and Physician, Cleveland.

Towles, Caroline Benson—A. B. Woman's College of Baltimore 1893; Grad. Student, Prague, 1905-06; Asst. in Pediatrics, 1913-14.—Asst. Clin. Med. Disp. Phys. and Physician, Baltimore.

Vander Hoof, Douglas—B. L. Dartmouth 1901, and A. M. (Hon.) 1907; R. H. O. 1905-06.—Prof. of Med. Med. Coll. of Va. Attend. Phys. Mem. Hosp. Consult. Phys. Johnston Willis Hosp. and Physician, Richmond, Va.

Whipple, George Hoyt—A. B. Yale 1900; Asst. and Assoc. in Pathol. and Asst. Res. Pathol. 1905-10; Pathol. Ancon Hosp. C. Z. 1907-08; Assoc. Prof. of Pathol. and Res. Pathol. 1910-14.—Director, Hooper Foundation Med. Resch.; Prof. Resch. Med. U. of Cal. San Francisco.

Wiel, Harry Isaac—A. B. Leland Stanford Jr. 1900; Student, Harvard 1901; R. H. O. 1905-06.—Adj. in Med. Mt. Zion Hosp. and Physician, San Francisco.

Youtz, Hiram LaMont—Ph. B. Brown 1900, and A. M. 1901; Member of Staff, Moline City Hosp. Lect. Anat. City Hosp. Sec. Rock Island Co. Med. Soc. and Physician. Moline, Ill. 1905-08.—Physician, Willow City, N. D.

Rhea, Lawrence Joseph—S. B. Texas 1901; 1st Asst. in Pathol. City Hosp. Boston; Instr. in Pathol. Harvard.—Assoc. Prof. Path. McGill Univ. and Dir. Path. Lab. Montreal Gen. Hosp. Montreal, Canada. (*Degree conferred February* 22, 1906.) (54)

Class Secretary—Edward H. Richardson, 216 E. Preston St., Baltimore, Md.

1906

Adsit, Henry — A. B. Princeton 1902; Non-resident Surgeon, St. James' Hosp. Hornells, N. Y.—Surgeon, 127 Allan St., Buffalo, N. Y.

Ainley, Frank C. — S. B. Drake 1902; R. H. O. 1906-07; House Physician, Lakeside Hosp. Cleveland, 1907-08; Asst. Res. Obstetrician, 1908-09; Asst. in Obstet. and Res. Obstetrician, 1909-10.—Physician, Brockman Bldg., Los Angeles.

Appleton, Vivia Belle — A. B. Cornell 1901, and Med. Dept. 1901-02; Interne, N. Eng. Hosp. for Women and Children, and Grad. Student, Harvard 1906-07; Grad. Student, London and Berlin, 1907-09; Interne, Babies' Hosp. New York, 1909-11; Grad. Student, Enfants Malades, Paris, 1911-12.—Asst. in Pediatrics, U. of Calif. San Francisco.

Bancroft, Frederic Wolcott—A. B. Leland Stanford Jr. 1902; Interne, The Roosevelt Hosp. N. Y. 1906-08; Interne, The Sloane Maternity Hosp. N. Y. 1908-09.—Attend. Surg. Volunteer Hosp. Asst. Attend. Surg. N. Y. Hosp. Asst. in Surg. Columbia, and Physician, New York.

Bass, Herschel Winston—S. B. Alabama Polytechnic 1901, and M. S. 1902; Brad. Student, Berlin, 1906-07.—Physician, Gadsden, Ala.

Beall, Francis Cooke—S. B. Texas 1902; R. H. O. 1906-07, F. A. C. S.—Surgeon, 1420 N. Bollinger St., Fort Worth, Tex.

Beasley, Edward Bailey—A. B. 1902; Dr. P. H. Harvard 1911; Res. Phys. The Leigh Hosp. Norfolk, Va. 1906; Interne, Willard Parker Hosp. (N. Y. Health Dept.), and Asst. Surg. Woman's Hosp. N. Y. 1907.—Physician, 2901 N. Calvert St., Baltimore.

Beeuwkes, Henry—A. B. 1902; House Phys. and Surg. Hudson St. Hosp. N. Y. 1906-07; House Surg. N. Y. Hosp. 1907-09.—Capt. Med. Corps, U. S. Army, Manila, P. I.

Blackman, Julian Raymond—A. B. Nebraska 1902; Asst. in Physiol. Wisconsin, Madison, 1906-08; Physician, Hastings, Neb., 1908-09; Asst. Res. Gynecol. 1909-10; Resident, Dr. Kelly's Private Hosp. Baltimore, 1910-12.—Physician, Hastings, Neb.

Bogart, Phoebe May—(Mrs. Van Voast), A. B. Wellesley 1902; Interne, Woman's Hosp. Detroit, until Jan. 1907;

Interne, Syracuse Hosp. N. Y. 1907-08.—Asst. Children's Div. Presbyterian Hosp. Disp. Physician, New York.

Brown, Edwards Bennett—A. B. Beloit 1901; Wis. Coll. P. and S. 1901-03.—Physician, Beloit, Wisconsin.

Burlingham, Louis Herbert—A. B. Yale 1902; Med. House Officer, Mass. Gen'l Hosp. 1906-07; Asst. Res. Phys. Mass. Gen'l Hosp. Boston, 1907-12; Asst. Administr. Mass. Gen. Hosp. 1912.—Asst. Supt. Peter Bent Brigham Hosp. Boston.

Byrnes, Charles Metcalfe—S. B. North Carolina 1902; Adj. Prof. of Anat. Virginia, Charlottesville, 1906-09.—Dispen. Neurol. Instr. in Clin. Neurol. and Physician, Baltimore.

Caulk, John Roberts—A. B. St. John's 1901; Georgetown 1901-02; Interne and 2d Asst. Res. Union Protestant Infirmary, 1906-07; Asst. Res. Surg. J. H. H. 1908-09; Asst. to Dr. Young, 1907-10.—G.-U. Surg. St. Luke's Hosp. and Mullanphy Hosp. Instr. G.-U. Surg. Wash'g University; Editor, *Interstate Med. Jour.* Collab. Editor, *Surg. Gynecol. and Obstet.* and Surgeon, St. Louis.

Church, Franklin H.—A. B. Hamilton 1902, and A. M. 1905; Interne, Utica General Hosp. 1906-07; Asst. Gynecol. Utica Gen'l Hosp. Deputy Health Officer and Physician, Utica, N. Y. Physician in charge Univ. Penna. Expedition to S. Amer. 1913-14.—Physician, Boonville, N. Y.

Cobb, Oren Howard — A. B. Harvard 1902; Clin. Asst. Med. N. Y. P.-G. Hosp. 1906-07; Med. Inspect. Div. Child Hygiene, Dept. Health, N. Y. 1907-08; Res. Phys. N. Y. State Hosp. for Care of Crippled and Deformed Children, W. Haverstraw, N. Y. 1909-12.—Supt. Syracuse State Inst. for Feebleminded Children, Syracuse.

Coffen, T. Homer—S. B. Penn 1901, and M. S. 1905.—Instr. Clin. Pathol. Asst. in Med. Cornell Univ. Med. Coll. Asst. Visit. Phys. Bellevue Hosp. O. P. D. Asst. Visit. Phys. and Instr. in Medicine, the N. Y. Post-Graduate Hospital and Med. Sch. and Physician, N. Y. 1906-1913.—Physician, Stevens Bldg., Portland, Ore.

Cole, Herbert Phalon—A. B. St. Lawrence 1901; Student of Medicine, Minn. 1901-02 (F. A. C. S. 1914).—Assoc. Prof. Gynecol. Univ. Ala. and Gynecol. City Hosp. and Mobile Infirm. and Surgeon, Mobile.

Crispin, Egerton Lafayette—Ph. B. Illinois 1902; Res. Pathol. and Physician, Penn. Hosp. Phila. 1906-10.—Med. Interne, Mayo Clinic, Rochester, Minn.

Cross, Ernest Samuel—A. B. Dartmouth 1901; R. H. O. 1906-07; Res. and Asst. Attend. Phys. Telfair Hosp. Savannah, Ga. 1908-09; Med. Dir. and Chief of Staff, *ibid.* 1910.—Phys. in charge, Aiken Cottage Sanatorium, and Physician, Aiken, S. C. (Nov. to May).

Cullen, Victor Francis—A. B. Rock Hill 1902, A. M. 1906; Res. Surg. St. Joseph's Hosp. Baltimore, 1906-08.—Supt. Md. Tuberculosis Sanatorium, State Sanatorium.

Day, Gaston—S. B. Florida State 1902; The New York Lying-in Hosp. (until Nov. 1906); House Surg. St. John's Riverside Hosp. Yonkers, N. Y. 1906-07.—Asst. in Surg. Duval Co. Hosp. and Physician, Jacksonville, Fla.

Duffy, Richard Nixon—A. B. North Carolina 1902; R. H. O. 1906-07.—Physician, New Bern, N. C.

Ebersole, Francis Fisher—A. B. Cornell Coll. 1902; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1906-08.—Physician, Mt. Vernon, Iowa.

Gray, Eugene Price—A. B. North Carolina 1902; Interne, James Walker Memorial Hosp. Wilmington, N. C. 1906-07.—City Physician, and Physician, Winston-Salem, N. C.

Gray, Herbert Lee—A. B. Colby 1902; Interne, Lying-in Hosp. N. Y. (4 mos.); Interne, Kingston Ave. Hosp. Dept. of Health, Brooklyn, N. Y. 1906-07.—Deputy Surg. N. Y. Hosp. Clin. Asst. G.-U. Dept. N. Y. Polyclinic Hosp. Chief Clin. G.-U. Diseases, Demmilt Disp. and Physician, N. Y.

Griffith, Franklin Webb—A. B. Western Maryland 1902, and A. M. 1905; Externe in Gynecol. 1906-07; Asst. Res. and Act. Res. Gynecol. 1907-11.—Surg. to Biltmore, Merriwether and Mission Hospitals, and Surgeon, Asheville, N. C.

Griswold, Arthur Heywood—A. B. Harvard 1902; Interne, Hartford Hosp. Conn. 1906-08.—Asst. Pathol. and Bact. Hartford Hosp. Babies' Hosp. and Physician, Hartford, Conn.

Hazen, Henry Honeyman—A. B. 1902; Externe in Dermatol. Chief Clinic, Freedman's Hosp. and Instr. Clin. Micpy. Howard Med. Sch. 1906-09; Asst. in Dermatol. J. H. U. 1912-14.—Prof. Dermatol. Howard Univ.; Visit. Dermatol. Freedmen's Hosp. and Georgetown Univ. Hosp. Prof. Dermatol. Georgetown Univ. and Physician, Washington, D. C.

Helmholz, Henry Frederick—S. B. Wis. 1902; Summer Quarter, Chicago, 1902; Fellow in Pathol. 1906-07; Voluntär Asst. Children's Clinic, Berlin, 1907-09.—Asst. Prof. Ped. Rush. Med. Coll. Member, Otho S. A. Sprague Mem. Inst. Attend. Phys. St. Joseph and Child Hospitals; Med. Dir. Infant Welfare Soc. and Physician, Chicago.

Hennington, Charles William — S. B. Rochester 1902; R. H. O. and Asst. in Surg. Path. 1906-08.—Asst. Surg. Rochester Gen'l Hosp. Surg. Rochester State Hosp.; Assoc. Editor, *Buffalo Med. Journal,* and Surgeon, Rochester, N. Y.

Herrinton, Minerva—A. B. Cornell, Ia. 1900; Grad. Student, Lewis Inst. (Chicago), 1902; Physician, Evening Disp. for Women and Children, Baltimore, 1906-08.—920 Farragut Terrace, Phila.

Hewitt, Joseph Henry—A. B. North Carolina 1899, and Med. Dept. 1901-02; Harvard Summer 1902; Res. Pathol. Charity Hosp. 1906-07, Lakeside Hosp. 1907-08; Dmnstr. Pathol. Univ. Minn. 1909-10; Pathol. Ga. State Sanitarium, Milledgeville, 1910-11; Pathol. St. Joseph and Children's Mem. Hospitals, Chicago, 1911-12; Prof. Pathol. and Bact. Baylor Univ. Dallas, Texas, 1912-13.—Pathol. City Hosp. Cleveland, Ohio.

Hinman, Frank—A. B. Leland Stanford, Jr. 1902; Lab. Asst. to Dr. Bloodgood, J. H. H. 1906; Res. Surg. St. Luke's Hosp. Spokane, Wash. 1907-08; City Bacteriol. Spokane, Wash. 1910-12; Asst. Res. Surg. 1912-15.—Asst. Clin. Prof. Urology, Stanford Univ.; Visit. Urol. City and Co. Hospitals, San Francisco.

Hunt, Josephine Drummond—A. B. Kentucky 1899, and A. M. 1902; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1906-07; Summer Interne, Babies' Hosp. N. Y. 1909.—Obstet. Good. Samaritan Hosp. and Phys. to House of Mercy, Clin. Asst. Tb. Disp. and Physician, Lexington, Ky.

Hutchins, Elliott H.—A. B. St. John's 1902, and A. M. 1906; F. A. C. S. Interne, Church Home and Infirmary, Balt. 1906-07; Res. Surg. Lakeside Hosp. 1907-08.—Visit. Surg. Church Home and Infirm. and Mercy Hosp.; Asst. Disp. Surg. and Physician, 2217 St. Paul St., Baltimore.

Ingraham, Clarence B. Jr.—Ph. B. Yale 1902; Interne in Obstet. 1906-07; Asst. Dr. Kelly's Sanitarium, Baltimore, 1907-09.—Instr. in Obstet. and Asst. in Gynecol. Univ. of Colo. Obstet. St. Luke's; Gynecol. Mercy Hosp. and Obstet. City and Co. Hosp.; Surg. Children's Hosp.; Med. Reserve Corps, U. S. A. and Physician, Denver, Col.

Iseman, Lawrence Lee—Ph. B. Lafayette 1902; Res. Kensington Hosp. for Women, Phila. 1906-08.—Clin. Asst. in Surg. N. W. Univ. Med. Sch. Asst. Surg. Ill. Cent. R. R. and Physician, Chicago.

Kellam, William Finney—A. B. Randolph-Macon 1902.—Physician, Onley, Va.

Kelley, Eugene Robert—A. B. Bowdoin 1902; Interne, Carney Hosp. Boston, 1906-07.—State Comm. Health Seattle, 1911-15. — Dir. Div. Communicable Diseases, Mass. State Dept. Health, Boston.

King, John Hendricken—A. B. 1899, and Grad. Student 1899-02; Vol. Asst. and Asst. in Med. 1906-08; Instr. and Assoc. in Pathol. 1908-13. — Asst. Disp. Phys. and Instr. in Clin. Medicine.

Kingsbury, Mary Barker—A. B. Wellesley 1899; Harvard Summer School 1899; Interne, The Babies' Hosp. New York, 1906-07.—Probation Officer for Female Probationers, Co. of Schuylkill, and Physician, Pottsville, Pa.

Krechting, Wilhelm Edmund Harmon—A. B. Princeton 1902; Asst. House Surg. N. Y. Lying-in Hosp. 1906-07; House Surg. J. Hood Wright Mem. Hosp. N. Y. 1907-09.—Physician, 422 8th St. S. E., Washington, D. C.

Langnecker, Harry Leslie—A. B. Leland Stanford Jr. 1901; R. H. O. 1906-07; Ortho. H. O. Mass. Gen'l Hosp. 1908; Asst. Ortho. Surg. Mass. Gen'l Hosp. 1909-11; Asst. Res. Phys. and Asst. Ortho. Surg. *ibid.* 1911-14.—Asst. in Surg. Stanford Univ. San Francisco, Cal.

Lee, Andre Edward—A. B. Leland Stanford Jr. 1902; Passed Asst. Surg. U. S. N. Mare Island Hosp. Calif. 1906-07; Naval Hosp. Canacao, P. I. 1907-08; Cruising Asiatic Sta. 1909; Mare Is. Hosp. Cal. 1910; P. A. Surg. U. S. N. Navy Recruiting Sta. Buffalo, N. Y. 1910-12.—Surgeon, Amer. Legation, Peking, China.

Lewis, Joseph Stocking—A. B. Canisius 1902; Grad. Student, Cornell Summer 1902; Interne, German Hosp. N. Y. 1906-09.—Asst. Surg. Children's Hosp. and Attend. Surg. Buffalo State Hosp. and Physician, Buffalo, N. Y.

Macht, David Israel—A. B. 1902; Harvard Summer Sch. 1903, 1904 and 1905; LL.B. Hamilton Coll. 1915; Vol. Asst. Klinik, Prof. Landau, Berlin, and Grad. work in Europe, 1906-07; Externe, Med. and Phipps Dispensaries, 1908-09; Asst. in Gynecol. Hebrew Hosp. 1908-10; Asst. in Med. 1908-13; Coroner, N. W. Dist. 1912-14.—Gynecol. Jewish Hosp. for Consumptives; Dispen. Phys. Instr. in Clin. Med. Lecture Asst. in Pharm. Resch. Fellow to Therapeut. to Council Phcy. and Chem. A. M. A. and Physician, Baltimore.

Marsden, George—Ph. B. Brown 1900.—Physician, New Bedford, Mass.

Mason, Enoch Marvin—S. B. Alabama Polytechnic 1900, and M. S. 1901; R. H. O. 1906-07; Ala. State Bact. and Pathol. 1908-11.—Physician, Empire Bldg., Birmingham, Ala.

Meloy, Carl R.—A. B. Wittenberg 1902, and A. M. 1905; Instr. in Pathol. Univ. of Virginia 1906-07; Asst. in Pathol. and Asst. Res. Pathol. and Pathol. City Detention Hosp. Bayview, 1907-08; Adj. Prof. Pathol. Univ. of Va. Charlottesville, 1908-10. — Pathol. and Director of Lab'y, Grace Hosp. Detroit, Mich.

***Moore, Robert Emory**—A. B. 1902; Interne, King's Co. Hosp. Brooklyn, N. Y. 1906-08.—Asst. Visit. Surg. Samaritan Hosp. and Kings Co. Hosp. and Allied Hospitals of Brooklyn, and Physician, Brooklyn; Clin. Asst. B.-U. Diseases, L. I. Coll. Hosp. (**Sept.* 13, 1913.)

Morse, Arthur Henry—A. B. Tufts 1902; Harvard Medical Sch. Summer of 1903; Res. Pathol. R. I. Gen'l, Providence, 1906-07; Asst. Res. Obstet. 1907-08; Asst. Res. Surg. U. P. Infirm. 1908-09; Asst. Res. Obstet. 1909-10; Res. Obstet. and Instr. in Obstet. 1910-11; Res. Surg. U. P. Infirm. 1912-13; Instr. Obstet. and Gynecol. Univ. of Calif. and Assoc. Gynecol. Univ. Hosp. San Francisco 1913-15.—Asst. Prof. Obstet. and Gynecol. Yale Med. Sch. New Haven.

Murdoch, Agnes Gordon—A. B. Woman's Coll. of Balto. 1902; Interne, New Eng. Hosp. Roxbury, Mass. 1906-07.—Med. Missionary Hwai Yuen via Tientsin Pukow R. R. Anhwei, China.

Nast, Marie Eleanor — (Mrs. W. B. Wherry), A. B. Woman's Coll. of Balto. 1902; Chicago 1902-03.—759 Ridgeway Ave., Cincinnati, O.

Ortschild, John Francis—A. B. Leland Stanford, Jr. 1899; Asst. in Operative Surg. (H. L.), 1906-07; Asst. Res. Surg. 1907-08.—385 Vancouver St., Portland, Ore.

Patek, Robert—S. B. California 1901; Interne, City and Co. Hosp. S. F. 1906-07.—Asst. Surg. Emergency Hosp. and Physician, San Francisco.

Pels, Isaac Rosenbaum—A. B. 1902; Externe in Med. 1907; Interne, U. P. I. 1908.—Consult. Dermatol. Balt. Eye, Ear and Throat Hosp. Asst. in Clin. Dermatol. Dispen. Dermatol. Dermatol. Baltimore.

Pfeiffer, Damon Beckett—A. B. Princeton 1902; Interne, The German Hosp. Phila. 1906-09; Pathol. German Hosp. Director, Clin. Lab. Presbyterian Hosp. Surg. Abington Mem. Hosp. Instr. Surg. Univ. of Out-Patient Dept. German Hosp. and Physician, Philadelphia.

Putts, Benjamin Swayne—A. B. 1902; Res. Phys. Allegheny Gen'l Hosp. Pa. 1906-07; Phys. Mass. State Sanatorium, Rutland, 1907-08; Deputy Med. Dir. Penna. State So. Mt. Sanatorium, Mont Alto, Pa. 1909-11.—Physician, Erie, Pa.

Rea, Ralph R.—S. B. Iowa State 1899. —Physician, 406 S. Main St. Los Angeles, Calif.

Redewill, Francis Hamilton—S. B. California 1902; Interne, M. E. Hosp. Brooklyn, N. Y. 1906-07; Asst. Surg. Ft. Bayard, N. M. 1907-08; Student, Paris, 1910-11. — Asst. Chief Surg. Randolph R. R. Lines; Phys. and Surg. Phoenix, Ariz.

Ridgway, Richard Frederic Lot—A. B. Princeton 1898, and A. M. 1902; Res. Physician, Harrisburg Hosp. Pa. 1906-07.. Disp. Surg. and Anaesthetist, Harrisburg Hosp. 1909-12.—1st Asst. Phys. Penna. State Lunatic Hosp. Harrisburg.

Russ, Henry Camp—A. B. Yale 1902; Res. Pathol. The Lakeside Hosp. Cleveland, O. 1906-07; Asst. Supt. *ibid.* 1907-08.—Phys. in charge Lab. Charter Oak Private Hosp. and Physician, Hartford, Conn.

Sawyer, Harold Payne—S. B. Alabama 1902; Asst. in Pathol. Bender Hygienic Lab. and Instr. in Pathol. and Bacteriol. Albany Med. Coll. N. Y. 1906-08; Instr. Pathol. Univ. and Bellevue Hosp. Med. Sch. 1908-09.—Pathol. Cohoes Hosp. City Bact. Cohoes, and Physician, Troy, N. Y.

Schorer, Edwin Henry—S. B. Wisconsin 1902; Dr. P. H. Harvard 1912; Rockefeller Inst. for Med. Research, N. Y. 1906-07; Instr. in Pathol. and Bacteriol. Univ. of Missouri, Columbia, 1907-08; Asst. Prof. Parasitology and Hygiene, *ibid.* 1908-09; Asst. Prof. Bacteriol. and Pathol. Univ. of Kansas, Lawrence, 1909-10; Special Investigator Dept. Prevent. Med. and Hygiene, Harvard Med. Sch. Boston, 1910-12.—Pediatrist, 3704 Charlotte St., Kansas City, Mo.

***Seeley, Lamar**—A. B. Williams 1902.

Seem, Ralph Berger—Ph. B. Lafayette 1902; Senior Res. Phys. St. Luke's Hosp. South Bethlehem, Pa. 1906-08; Supt. J. Walker Mem. Hosp. Wilmington, N. C.—Director of Dispensary and Asst. Supt. J. H. H.

Sladen, Frank Joseph—A. B. Yale 1902; R. H. O. and Asst. Res. Phys. in charge Md. Bacteriol. Lab. Asst. in Med. 1906-08; Instr. in Med. and Asst. Res. Phys. 1908-10; Assoc. in Med. and Res. Phys. and Med. Adviser to the Students, 1910-13; Chief Medical Clinic, Detroit, Gen'l Hosp. 1913-14. — Phys.-in-Chf. The Henry Ford Hosp. Detroit.

Sloan, Harry Gordon—A. B. Washington and Jefferson 1902; Res. Surg. Lakeside Hosp. Cleveland, 1906-09. — Dmnstr. Surg. Physiol. West. Res. Med. Dept. and Surgeon, Cleveland.

Stone, Harvey Brinton—A. B. 1902; R. H. O. 1906-07; Adjunct Prof. of Surg. Univ. of Virginia, Charlottesville,

1907-10.—Assoc. in Surg. Coll. P. & S. Chief Surg. Md. Casualty Co. Instr. in Clin. Surg. Disp. Surg. and Surgeon, Baltimore.

Strouse, Solomon—A. B. 1902; R. H. O. 1906-07; Phys. O. P. D. Hebrew Hosp. 1907-09.—Assoc. Pathol. and Attend. Phys. Michael Reese Hosp. 1909-12.—Instr. Clin. Med. Coll. of Med. Univ. of Ill. Assoc. Attend. Phys. Michael Reese Hosp. and Physician, Chicago.

Thacher, Henry Clarke—A. B. Yale 1902, M. S. 1904, and Med. Dept. 1902-03; H. O. Bellevue Hosp. N. Y. 1906-08; Dr. Thayer's Asst. J. H. H. 1909-10.—Assoc. in Med. Columbia Univ. Chf. Med. Cl. Vanderbilt Clin. Asst. Visit. Phys. Roosevelt and Lincoln Hospitals, Visit. Phys. Volun. Hosp. and Physician, New York.

Thompson, Philip Pickering—A. B. Dartmouth 1902; Med. Sch. of Maine, 1902-03; Interne, Carney Hosp. Boston, 1906-07.—Instr. Gynecol. Med. Sch. of Me. Adj. B.-U. Surg. Me. Gen'l Hosp. and Physician, Portland, Me.

Torrey, Harry Norton—S. B. Knox 1900; Med. Dept. Mich. 1901-05, and A. M. 1905; Asst. in Bacteriol. 1904-05; Rockefeller Fellow Univ. of Mich. Summer of 1906.—Assoc. Surg. Harper Hosp. Detroit, Mich.

Waite, Willis Willard—S. B. Wisconsin 1902; Pathol. Interne, City Hosp. Blackwell's Island, N. Y. 1906-07; Bacteriol. N. Y. City Dept. Health, 1907; Bureau of Health and St. Joseph's Hosp. and Physician, Syracuse, N. Y.—Director, El Paso Med. Lab. El Paso, Texas.

Webb, Harold Randall—A. B. Bowdoin 1902; Res. Phys. City Hosp. Waltham, Mass. 1906-08.—Physician, Arlington, Mass.

White, George Howard, Jr. — A. B. Princeton 1902; R. H. O. 1906-07; Assoc. Prof. Phys.-Chem. and Clin. Path. U. of Md. and Coll. P. & S. and Physician, Baltimore.

Wilbur, Frederick Petheram—A. B. Williams 1902; Interne, City Hosp. Blackwell's Island, N. Y. 1906-07.—Physician, Franklin, N. J.

Winn, Nannie Lee—A. B. Woman's Coll. of Balto. 1900.—Physician, Clayton, Ala.

Winter, John Arthur—A. B. Michigan 1902; Interne, Lakeside Hosp. Cleveland, 1906-07; Phys. and Surg. Calumet and Hecla Mining Co. Hosp. Calumet, Mich. 1907-08; Grad. Student in Europe, 1908-09; House Surg. Ill. Charitable Eye and Ear Infirmary, Chicago, 1909-10.—Physician, Fidelity Bldg., Duluth, Minn.

Winthrop, Gilman Joseph—A. B. Univ. of the South 1902; Interne, Gouverneur Hosp. New York, 1906-08.—Instr. in Surg. Univ. of Ala. and Surgeon, Mobile.

Wolfort, Benjamin Edgar—S. B. Pennsylvania 1902, and Med. Dept. 1901-02; Interne, Kingston Av. Hosp. Brooklyn, 1906-07; Interne, Jewish Hosp. Brooklyn, N. Y. 1907-08.—Asst. Surg. Jewish Hosp. Asst. Orthoped. Surg. Kings Co. Hosp. and Brooklyn Hosp. and Physician, Brooklyn.

Wolman, Samuel—A. B. 1902.—Instr. in Clin. Med. and Dispen. Physician, and Physician, Baltimore.

Wroth, Peregrine, Jr.—A. B. 1902; Res. Phys. Union Protestant Infirmary, Balt. 1906-08.—Surgeon, 131 W. Washington St., Hagerstown, Md.

Straight, Persis Rosamond—A. B. Smith 1902.—Physician, Bradford, Pa. (*Degree granted Nov.* 5, 1906). (85)

Class Secretary—Ralph B. Seem, Johns Hopkins Hospital.

1907

Adkins, Merle Theron — S. B. Beloit 1903; Interne, Union Protestant Infirmary, 1907-08; Interne, Church Home and Infirmary, 1912-14.—Physician, Durham, N. C.

Barnes, Francis Merriman, Jr.—A. B. Hamilton 1903; A. M. 1906; Asst. Phys. and Dir. Clin. Lab. Sheppard and Pratt Hosp. Towson, 1907-10; Clin. Dir. Gov't Hosp. for Insane, Washington, D. C. 1910-13; Instr. Neurol. and Psych. George Washington Univ. 1911-13; Asst. Prof. Nerv. and Ment. Dis. St. Louis Univ. 1913-14; Assoc. in Psychiatry, Wash. Univ. Med. Sch. 1914.—Neurol. St. Mary's Hosp. 1913; Visit. Neurol. and Psychiat. St. Louis City Sanitar. and Infirm. and Physician, St. Louis.

Beifeld, Albert Henry—A. B. Harvard 1902; Interne and Assoc. Attend Phys. Michael Reese Hosp. Chicago, 1907-14; Asst. Pediatrics, N. W. Univ. 1913-14; Instr. Pediatrics, Univ. Mich. Ann Arbor 1914-15.—Prof. Elect. Pediatrics, State Univ. Iowa, Iowa City.

Birge, Edward Grant—S. B. Wisconsin 1903; Bacteriol. Back River Disposal Wks. Colgate, Baltimore, 1907-11; Asst. Bacteriol. Penna. R. R. Co. Altoona, Pa. 1911-12; Instr. Dept. Preventive Med. and Hygiene, Harvard Med. Sch. Boston 1912-15. — Asst. Bact. State Bd. Health, Tampa, Fla.

Boyd, Montague Laffitte—Ph. B. Emory 1903; Interne, Walker Mem. Hosp. Wilmington, N. C. 1907-08; Private Asst. to Dr. H. H. Young, 1908-09; Asst. Res. Surg. J. H. H. 1909-10.—Andrologist, Wesley Mem. Hosp. Assoc. Prof. Urology, Emory Univ. and Surgeon, Atlanta.

Bristol, Leverett Dale—S. B. Wesleyan (Conn.) 1903; Interne, Hartford Hosp. Conn. (summers), 1905-06; Instr. in Pathol. and Bacteriol. Coll. of Med. Syracuse Univ. N. Y. 1907-08; Phys. St. Paul Free Med. Disp. Assoc. Phys. Univ. Hosp. and Clin. Asst. Med. Univ. Minn. Med. Dir. St. Paul Anti-Tub. Com. Sec'y Clin. Sec. Nat. Assn. Study and Prevention of Tuberculosis, and Physician, St. Paul, Minn. 1908-12; Assoc. Prof. Bact. and Dir. Bact. Lab. Med. Dept. Syracuse Univ. N. Y. 1912-14.—Prof. Bact. and Dir. Public Health Lab. Univ. N. Dak. Grand Forks.

Brown, Chester Timothy—S. B. Rutgers 1903; Interne, N. Y. City Hosp. 1907-08.—Physician, 177 N. Maple Ave., East Orange, N. J.

Brown, Wade Hampton—S. B. Nashville 1899, Chicago 1902-03; Interne, Union Protestant Infirmary, Balt. (until Sept. 1, '07); Instr. in Pathol. Univ. Virginia, Charlottesville, 1907-08; Instr. in Pathol. Univ. Wisconsin, Madison, 1908-10; Asst. Prof. Pathol. *ibid.* 1910-11; Prof. Histol. and Pathol. Univ. N. C. Chapel Hill, 1911-13.—Assoc. Member, The Rockefeller Inst. for Med. Resch. N. Y.

Bullock, Frederick Dabney—S. B. Ky. State Coll. 1899; Interne, German Hosp. N. Y. 1907-08; Asst. Pathol. R. I. Gen'l Hosp. Providence, 1908-09; Asst. in Cancer Research, Columbia Univ. 1909-13.—Associate in Cancer Research, *Ibid.*

Burbeck, Edward Kimball—A. B. Dartmouth 1903.—Physician, Salem, Mass.

Burnside, Charles — Ph. B. Iowa Coll. 1903; Interne, Passavant Mem. Hosp. Chicago, 1907-08.—Physician, Title Ins. Bldg., Los Angeles, Cal.

Carson, Waid Edwin—A. B. Ohio Wesleyan 1900; Spg. and Summer Qrs. Chicago 1903; Res. Phys. Allegheny Gen'l Hosp. Pittsburgh, 1907-08.—Physician, 212 N. Highland Ave., Pittsburgh.

Chesnutt, James H. — A. B. Virginia 1903; R. H. O. 1907-08.—Physician, Hot Springs, Ark.

Clark, Eliot Round—A. B. Yale 1903; Asst. Instr. Assoc. 1907-14. — Prof. Anat. Univ. of Mo. Columbia.

Clough, Paul Wiswall—S. B. Wisconsin 1903; R. H. O. 1907-08; Asst. and Instr. in Med. and Asst. Res. Phys. 1908-11; Instr. in Med. in chg. of Biol. Div. of Med. Clinic, and Asst. Res. Phys. 1911-13.—Assoc. in Med. Res. Phys. and Medical Advisor to Students.

Cort, Edwin Charles—A. B. Washington and Jefferson 1901, and A. M. 1904; Student, West. Penna. Med. Coll. 1901-03; Externe in Med. 1907-08.—Med. Missionary, Chiengmai, Siam.

Cronk, Fred Yohn — S. B. St. John's 1903, and A. M. 1907; Interne, Lakeside Hosp. Cleveland, 1907-09; Res. Surg. St. Agnes' Hosp. Balt. 1909-10. —Surg. in Chief, M. E. Hosp. Guthrie, Okla.

Cunningham, Robert Law—A. B. Wabash 1901; R. H. O. 1907-08; Res. Phys. Barlow Sanatorium, Los Angeles, 1908-11; Instr. Physiol. and Phys. Chem. U. Calif. 1909-10; Instr. in Med. and Physical Diag. U. Calif. 1910-12; Attend. Phys. Los Angeles Co. Hosp. 1911-14; Chief of Med. Dept. Selwyn Emmett Graves Dispen. U. Calif. 1911-14; Attending Physician, Barlow Sanatorium, and Physician, Los Angeles.

Davidson, Cline Flemming—S. B. Wabash 1900; Illinois 1901-03; R. H. O. 1907-08; Asst. Instr. Physiol. State Univ. Wash. 1908-09; Chief City Med. Inspec. Pathol. City Hosp. 1911-14.—Attend. Med. Clinic, Seattle Public Schs. and Physician, Seattle, Wash.

Dernehl, Paul Herman—S. B. Wisconsin 1903; Volun. Asst. Rostock, Germany, 1907-08; Asst. Ophthal. Clinic, Strassburg, 1908-09.—Ophthalmol. Mt. Sinai Hosp. and Physician, Milwaukee.

Dinsmore, William Wirt—S. B. Alabama Polytechnic 1903.—Physician, Decatur, Ala.

Dochez, Alphonse Raymond—A. B. 1903; Rockefeller Student in Path. Physiol. J. H. U. 1908; Fellow in Path. Rockefeller Inst. for Med. Res. 1909-10; Bacteriol. Hosp. of the Rockefeller Inst. for Med. Res. N. Y. 1911.—Res. Phys. and Assoc. in Medicine, *ibid.*

Dunlap, Robert Weyer—A. B. Washington and Jefferson 1903; Interne, West Penna. Hosp. Pittsburgh, 1907-08.—Med. Missionary, Amer. Presbyterian Mission, Chefoo, Shantung Prov. China.

DuPree, Dan Hughes — S. B. Georgia 1903; Grad. Student, Vienna, 1911; Exam. Phys. State Tb. Sanitarium; Director of Clinics, Univ. of Ga. Augusta, 1913.—Phys. to U. of Georgia, and Physician, Athens, Ga.

Gatch, Willis Dew—A. B. Indiana 1901; R. H. O. 1907-08; Asst. Res. Surg. and Asst. in Surg. 1908-11.—Prof. of Surg. Med. Sch. Univ. of Ind. Indianapolis.

Graber, Henry — A. B. Ursinus 1903; Res. and Chief Res. Phys. Presbyterian Hosp. Philadelphia, 1907-10. —Physician, Royersford, Pa.

Greene, Inslee Blair—Ph. B. Yale 1902; Interne, M. E. Hosp. Brooklyn, N. Y. 1907-08; Res. Phys. Seattle, Municipal Hosp. 1909.—Physician, Central Bldg., Seattle, Wash.

Guthrie, Clyde Graeme—A. B. Lafayette 1903; R. H. O. 1907-08; Instr. in Med. 1908-13; Assoc. in Med. in Clin.

Lab. 1913-14.—Asst. Res. Physician and Assoc. in Med.

Hahn, Milton — A. B. Harvard 1903; Interne, Mt. Sinai Hosp. New York, 1907-09.—Visit. and Attend. Ped. Freedman's Hosp. and Physician, Washington, D. C.

Harrison, Aleck Perkins—A. B. Florida State Coll. 1899; Res. Phys. St. Agnes Hosp. Balt. 1907-08; Res. Phys. "Camp Greenbrier," Alderson, W. Va. (Summer of 1908); Private Phys. abroad, Summer, 1909; Phys. and Pathol. Springfield State Hosp. Md. 1909-10; Phys. Milwaukee, 1910-11.—Physician, Madison, Ind.

Hazlehurst, Franklin, Jr.—A. B. 1903; Act. R. H. O. 1907-08; Volun. Asst. Ear Clinic, Univ. of Strassburg, 1909-10; Asst. Surg. and Chief of Disp. Clinic, Presbyterian Hosp. Asst. in Clin. Laryn. and Asst. Disp. Laryn. and Physician, Baltimore.

Hellenbrand, Ralph Wellington—A. B. Bowdoin 1903.—Res. Surg. New York Hosp. N. Y.

Hellweg, Elizabeth Singley—A. B. Woman's Coll. (Balt.) 1899.—Asst. Phys. Manhat. State Hosp. Ward's Island, N. Y.

Henry, Gladys Rowena—(Mrs. George F. Dick), S. B. Nebraska 1909; R. H. O. 1907-08; Asst. Res. Phys. 1908-09; Assoc. in Path. Rush Med. Coll.—911 Michigan Ave., Evanston, Ill.

Heuer, George Julius—S. B. Wisconsin 1903; R. H. O. Asst. Res. and Res. Surg. 1907-14.—Assoc. Surgeon.

Hill, Eben Clayton—A. B. 1903; Grad. Student, Freiburg, Summer, 1904, 1906; Res. Phys. Camp Champlain, Burlington, Vt. 1907-08; Asst. in Anat. 1907-08; 1st Lieut. Med. Res. Corps, 1908-09; Grad. Army Med. Sch. 1909; 1st Lieut. 1909-11; Capt. Med. Corps, U. S. Army, 1912 (Retired, 1913).—Pathol. and Radiol. Vassar Hosp. Poughkeepsie, N. Y.

Hincher, Charles Lane—S. B. Rochester 1903; Interne, Park Ave. Hosp. Rochester, N. Y. 1907-08.—O. P. D. Rochester Gen'l Hosp. and Physician, Rochester, N. Y.

Hopkins, Joseph Gardner—A. B. Columbia 1902; R. H. O. 1907-08; Asst. Prof. Bact. Columbia Univ. N. Y.

Kelley, Herbert Lester — A. B. Dartmouth 1903; Asst. Surg. U. S. Navy 1907-10; Passed Asst. Surgeon, U. S. Navy, Washington, D. C.

Krause, Allen Kramer — A. B. Brown 1901, and A. M. 1902, and Grad. Student 1902-03; Asst. and Instr. in Pathol. 1907-09.—Asst. Saranac Lab. for Study of Tuberculosis, Saranac Lake.

Law, Sally Porter—(Mrs. Alexius McGlannan), A. B. Bryn Mawr 1903.—114 W. Franklin St., Baltimore.

Lyon, Bethuel Boyd Vincent—A. B. Williams 1903; Res. Phys. German Hosp. Phila. 1907-09; Dmnstr. in Med. Jeff. Med. Sch. 1909-15; Chf. Clinic, Gastro-Enter. Dept. Jeff. Hosp. 1913-15.—Pathol. Methodist Hosp. Asst. Pathol. German Hosp. and Physician, Philadelphia.

McLaughlin, Perry William—A. B. Pennsylvania Coll. 1903.—Physician, Newville, Pa.

Malone, Edward Fall—A. B. Vanderbilt 1903; Clin. Asst. Sheppard-Pratt Hosp. Towson, 1907; Student, Berlin, Germany, 1907-10.—Assoc. Prof. of Anat. Univ. of Cincinnati, O.

Orchard, Norris Gray—S. B. Fargo Coll. 1903; Interne, Rochester Gen'l Hosp. Rochester, N. Y. 1907-08.—Member Jr. Med. Staff, Rochester Gen'l Hosp. and Physician, Rochester.

Owens, Fred Thomas—A. B. Hamilton 1903, A. M. 1906; House Phys. City Hosp. and St. Luke's, N. Y. 1907-08.—Surg. to Gen'l Hosp.; Surg. to Utica Disp. and Physician, Utica, N. Y.

Palmer, Charles Benjamin—A. B. Harvard 1901; Med. Interne, Manhattan State Hosp. (6 mos.); Interne, N. Y. Post-Graduate Hosp. 1908-10; Phys. Las Chispas Mine, Sonora, Mexico, 1910-11.—Lieut. U. S. A. Med. Res. Corps and Physician, Phoenix, Ariz.

Parsons, William Turner—A. B. 1903; Asst. Surg. Balt. Eye, Ear and Throat Hosp. and Surg. Balt. 1907-15.—Surgeon, Washington, D. C.

Pauli, William Otto—A. B. Cincinnati 1902; Asst. Biol. 1902-03; R. H. O. 1907-08.—Instr. Obstet. Dmnstr. in Clin. Micpy. Ohio-Miami Med. Coll. 1909-11.—Physician, 3442 Burch Ave., Cincinnati.

Peirce, George—A. B. Haverford 1903; M. A. and Ph. D. Berlin 1912; Res. Phys. Dr. Grenfell's Hosp. St. Anthony, Newfoundland, 1907; Res. Phys. Penna. Hosp. Phila. 1908-09; Grad. Student, Berlin, Germany, 1910-12; Asst. in Physiol. Univ. Wisconsin, 1912-13, and Instr. in Pharmacol. *ibid.* 1913-14. — Instr. in Urol. in chg. Chem. Lab. Brady Urological Clinic.

Pessagno, Eugene Leo—A. B. 1903; Interne, St. Joseph's Hosp. 1907-08; Asst. in Med. 1908-09.—Physician, 2314 E. Baltimore St., Baltimore.

Plaggemeyer, Harry Ward—A. B. 1903; Interne, Kings County Hosp. Brooklyn, N. Y. 1907-09; Res. Surg. St. Mary's Hosp. for Children, N. Y. 1909-10; Asst. Res. Surg. B.-U. Dept. J. H. H. 1910-13.—Attend. Surg. Grace Hosp. and Dir. Dept. Urological Surg. Detroit Gen'l Hosp. Detroit, Mich.

Preble, Paul—A. B. Bowdoin 1903; Res. Surg. St. Agnes Hosp. Balt. 1907-08.—Passed Asst. Surg. U. S.

P. H. Ohio River Investigation, Cincinnati.

Randall, Alexander—A. B. St. John's 1902, and M. A. 1907; Grad. Student 1902-03; Interne, German Hosp. Philadelphia, 1908-09; Asst. to Dr. Young, Balt. 1909-10; Asst. Res. Surg. 1910-11.—Asst. Surg. G.-U. Disp. U. of Pa. Asst. Instr. Surg. U. of Pa. Consult. Surg. Germantown Hosp. and Surgeon, Philadelphia.

Ray, Daniel Pattee—A. B. Dickinson 1903, A. M. 1908; Res. Phys. McKeesport Hospital, Pa. and West Penna. Hosp. Pittsburgh, 1907-08.—Physician, Johnstown, Pa.

Rhodes, Clarence Adair—A. B. Randolph-Macon 1903; Interne, St. Vincent's Hosp. N. Y. 1907-08; Interne, Willard Parker Hosp. (3 mos.); Res. Phys. N. Y. Foundling Hosp. 1909-10; House Phys. (St. John's Guild), Sea Side Hosp. New Dorp. S. I. N. Y. 1910-11.—Attend. Phys. Wesley Mem. Hosp.; Pediatrist, Grady Hosp.; Phys.-in-Chief, Atlanta Children's Home; Phys.-in-Chief, Wesley House Free Clinic for Children; Attend. Phys. City Hosp. Contagious Diseases, and Physician, Atlanta, Ga.

Riley, Charles Woodward—A. B. 1903; Interne, Woman's Hosp. of the State of N. Y. N. Y. City, 1907-08; Interne, Riverside Hosp. N. Y. and Kingston Ave. Hosp. Brooklyn, 1908-09. — Physician, 1113 Madison Ave., Baltimore.

Ross, Mary Jane—A. B. Cornell 1898, and Ph. D. 1902; Woman's Med. Coll. of Penna. 1898-99; A. M. Pennsylvania 1900; Interne, Babies' Hospital, New York, June-Oct. 1907; Res. Pathol. St. Luke's Hosp. New Bedford, Mass. 1907-09.—Physician, Binghamton, N. Y.

Sandrock, Edgar Poe—A. B. 1903; Res. Phys. St. Agnes Hosp. Balt. 1907-09; Differentiator, J. H. Disp. 1911-12.—Asst. Disp. Phys. Dept. Gastro-Intest. and Physician, Balt.

Schumacher, Hiram Sibley — Ph. B. Rochester 1903; House Officer, Rochester Homeopathic Hosp. N. Y. 1907-08.—Asst. Attend. Phys. Rochester Homeo. Hosp. and Med. Disp. and Physician, Rochester.

Scofield, Raymond Brown—S. B. Rochester 1902; Asst. Surg. U. S. P. H. and M. H. Service, Stapleton, S. I. N. Y. 1907-09; Asst. and House Surg. J. Hood Wright Mem. Hosp. N. Y. 1908-09.—Med. and San'y Advisor, Riverdale Health League, N. Y. C. Phys. Yonkers Tb. Hosp. and Disp. Asst. Phys. Sherman Mem. Disp. and Physician, Yonkers, N. Y.

Shallenberger, Will Farquhar — A. B. Washington and Jefferson 1903, and A. M. 1912; R. H. O. 1907-08; Asst. Res. Phys. 1908-09; Asst. Res. Gynecol. 1909-10; Res. Surg. Hosp. for Women of Md. 1910-11.—Con. Gyne. Flor. Crittenden Home; Visit. Gyn. Grady Hosp. and Clinic; Gynecol. Wesley House, Assoc. Prof. Gyne. Emory Univ. and Gynecologist, Atlanta, Ga.

Smith, George Arthur—A. B. Yale 1903; Interne, The Hartford Hosp. 1907-08.—Physician, Stepney, Conn.

Smith, Joseph Tate, Jr.—A. B. 1903; R. H. O. and Asst. Res. Obstet. 1907-09; Res. Gynecol. Lakeside Hosp. Cleveland, 1909-10.—Dmnstr. in Gyn. West. Reserve, and Physician, Cleveland.

Souder, Charles Granville—S. B. Ohio State 1903.—Chief of Staff, Thaliary Tuber. Disp. and Physician, Toledo, O.

Stubenrauch, Charles Henry—A. B. 1903; Asst. Res. Phys. Church Home and Infirmary, Baltimore, 1907-08; Asst. in Med. 1908-10.—Physician, Havana, Illinois.

Turkington, Charles Henry—Ph. B. Yale 1903; Interne, Hartford Hosp. Conn. 1908-09.—Physician, Litchfield, Conn.

Watson, Percy Theodore—A. B. Carleton 1903; R. H. O. 1907-08.—Med. Missionary, Fenchow, Shansi, China.

White, William Henderson—A. B. Dickinson 1903; Interne, Paterson Gen'l Hosp. N. J. 1907-08; Interne, Riverside Contag. Hosp. North Bros. Is. N. Y. 1908-09; Hosp. Phys. N. Y. City Board of Health, Otisville Sanatorium, Otisville, N. Y.

Winternitz, Milton Charles—A. B. 1903; Fellow, Asst. Instr. and Assoc. in Pathol. 1907-14.—Asst. Pathol. J. H. H. and Assoc. Prof. of Pathology; Pathol. City Hosp. Bayview.

Gilbert, George Burton — A. B. Yale 1903; Interne, Hartford Hosp. (Mar. to June), 1908; Res. Phys. Cragmor Sanatorium, Colorado Spgs. 1909-10.—Director, Webb. Tub. Research Lab. Consult. Phys. Cragmor and Sunnycrest Sanatoria, and Physician, Colo. Spgs. Colo. (*Degree granted Feb'y* 22, 1908.)

Hartman, George W.—S. B. California 1903; Res. Phys. The French Hosp. N. Y. 1907-08; House Surg. Flushing Hosp. Flushing, N. Y. 1908-09.—Adj. in G.-U. Surg. German Hosp. Staff S. F. Polyclin. and S. F. Hosp. and Physician, San Francisco, Cal. (*Degree granted February* 22, 1908.)

Partridge, Carroll Dunham—S. B. Vermont 1900; Instr. Chicago Summer Qrs. 1904-05; Asst. Cornell 1900-02; Carnegie Research Asst. in Organic Chem. 1907-08; Pathol. Thos. Wilson Sanitarium, Md. 1907-08; Pathol. State Infirmary, Tewksbury, Mass. 1908-10; Path. Albany Hosp. and

Asst. in Path. Albany Med. Sch. Albany, N. Y. 1910-11; Prof. Pathol. and Bact. Univ. Ba. Med. Coll. Augusta, 1911-13.—Asst. Bact. U. of Mich. Ann Arbor. (*Degree granted February* 22, 1908.)

Shore, Clarence Albert — S. B. North Carolina 1901, M. S. 1902, and Med. Dept. 1903-04.—Director, State Lab. Hygiene, Raleigh, N. C. (*Degree granted January* 6, 1908.)

Tuttle, Lucius—A. B. Yale 1901; Microscopist, Univ. Hosp. Disp. 1907-09; Asst. Dmnstr. Pathol. Univ. of Penna. 1908-10; Dmnstr. Physiol. Jefferson Med. Coll. 1910-14.—Assoc. in Physiol. and Physics, *ibid*, and Dir. Jeff. Physical Lab. Philadelphia (Aldan, Pa.). (*Degree granted April* 1, 1907.)

Wile, Udo Julius—A. B. Columbia 1904, and Med. Dept. 1903-04; Vol. Asst. Dermatol. Clinic, Berlin, 1908-09; Chief Clinic in Dermatol. and Syphilis, Beth Israel Hosp. Attend. Dermatol. Hebrew Infant Asylum; Instr. Dermatol. and Syph. P. G. Med. Sch. and Hosp. and Physician, N. Y. 1909-12.—Prof. Dermatol. and Syphilol. Univ. Mich. Ann Arbor. (*Degree granted January* 6, 1908.) (76)

Class Secretary—Clyde G. Guthrie, Johns Hopkins Hospital.

1908

Appelbaum, Solomon J.—A. B. Rochester 1904; Interne, West. Penna. Hosp. Pittsburgh, 1908-09. — Asst. Phys. Gen'l Hosp. Disp. Phys. Rochester Social Settlement, and Physician, Rochester, N. Y.

Branch, Joseph Robson Bromwell—A. B. 1904; R. H. O. 1908-09; Med. Supt. The Macon Hosp. Macon, Ga. 1909-10. —Attend. Gynecol. to Macon Hosp. and Gynecol. Macon, Ga.

Brenizer, Addison Gorgas, Jr.—A. B. North Carolina 1904; Med. Student, *ibid*, 1903-04; Krebs Inst. Heidelberg, Summer, 1907; Interne, Univ. of Heidelberg, Germany, 1908-09; Externe, Univ. Vienna, 1909; Res. Surg. in charge Amer. Hosp. Paris, 1909-11.—Surgeon, Charlotte, N. C.

Brotherhood, James Stewart—S. B. Dartmouth 1904; R. H. O. 1908-09; Asst. Res. Phys. and Asst. in Med. 1909-10; Res. Phys. Sydenham Hosp. Balt. 1910-11; Res. Phys. Wash. Univ. Hosp. and Asst. in Med. Wash. Univ. St. Louis, Mo. 1911-12; Assoc. Phys. Clifton Spgs. Sanitarium, N. Y. 1913-15.—Pathol. Butterworth Hosp. and Physician, Grand Rapids, Mich.

Bryant, Carl Herbert—Ph. B. Yale 1904; Interne, Hartford Hosp. Conn. 1908-10.—Physician, Bryant Bldg., Kansas City, Mo.

Burns, Jonathan Edward, Jr.—A. B. Virginia 1904; Interne, Union Protestant Infirmary, Baltimore, 1908-09.—Asst. Res. and Disp. Urologist.

Carstens, Christian Frederick — A. B. Lake Forest 1901; Interne, City Hosp. N. Y. 1908-09.—Physician, Keewatin, Minn.

Clarke, Ralph DeBallard—A. B. N. Y. Univ. 1904; Interne, Post-Grad. Hosp. N. Y. 1908-10; House Phys. Home for Convales. Babies, Sea Cliff, L. I. N. Y. 1910-11; Res. Surg. Nances Cay Hosp. Bocas del Toro R. de Panama, 1911-12.—Asst. in Pediatrics, New Haven Disp. and Physician, West Haven, Conn.

Cooke, Jean Valjean—A. B. West Virginia 1903, and Yale 1904; Harvard Med. Sch. (Summer), 1906; Instr. Pathol. Univ. and Bellevue Hosp. Med. Sch. N. Y. 1908-10; Res. Pathol. Penna. Hosp. Phila. 1910-11; Instr. Pathol. Tulane Univ. and Jr. Pathol. Touro Infirm. New Orleans, La. 1911-12.—Asst. Prof. Pathol. and Dir. Lab. Animal Exp. Univ. of Calif. and Pathol. Univ. Hosp. and San Francisco Hosp. San Francisco.

Coolahan, Edward Vincent—A. B. Rock Hill 1903; Res. Phys. St. Vincent's Hosp. St. John's Build, 1910; Res. Hosp. N. Y. 1908-10.—Phys. Floating N. Y. Foundling Hosp. 1910-11.—Asst. Disp. Phys. and Physician, Baltimore.

Coughlin, Frederick Aloysius — A. B. Brown 1904; Interne, City Hosp. Boston, 1908-10; Res. Surg. Carney Hosp. Boston, 1910-13.—Asst. Surg. St. Joseph's Hosp. and Surgeon, Providence, R. I.

Crowe, Samuel James—A. B. Georgia 1904; Asst. in Surg. (H. L.), 1908-09; Asst. Res. Surg. and Asst. in Surg. 1909-12.—Laryn. in Chg. and Assoc. in Clin. Laryngology.

Deming, Edward Adams—Ph. B. Yale 1904; Interne, N. Y. Health Dept. to Jan. 1, 1909; Interne, Hartford Hosp. Conn. 1909-10. — Physician, Spring St., Hartford.

***Denison, Henry Strong**—A. B. Cornell 1905; Interne, Mass. Gen'l Hosp. Boston, 1908-09.

Denner, William Reuben S. — A. B. Penna. Coll. 1904, and A. M. 1907; Interne, West. Penna. Hosp. Pittsburgh, 1908-09; Asst. in Clin. Pathol. Univ. Pittsburgh, 1909-10; Res. Pathol. St. Francis' Hosp. Pittsburgh, 1909-12.—Physician, Manchester, Md.

Derge, Herman Ferdinand—A. B. Wisconsin 1904; R. H. O. 1908-09.—Surgeon, Eau Claire, Wis.

Drinkard, Robert Uriel—S. B. Virginia Polytech. 1904; Interne, Nursery and Child's Hosp. N. Y. 1908-10.—School Inspector and Surgeon, Wheeling, W. Va.

Duke, William Waddell—Ph. B. Yale 1904; R. H. O. Mass. Gen'l Hosp. Boston, 1908-10; Grad. Student, Vienna and Tübingen 1910-11.—Prof. Exp. Med. Univ. of Kansas, and Physician, Kansas City, Mo.

Evans, Herbert McLean—S. B. California 1904; Med. Dept. 1904-05; Asst. Instr. Assoc. and Assoc. Prof. of Anat. 1908-15.—Prof. of Anat. Univ. of Calif. Berkeley.

Flanagan, James Thomas—A. B. Mt. St. Mary's 1903, and A. M. 1905; Grad. Student 1903-04; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1908-10; Adj. Visit. Obstet. Kings Co. Hosp. 1912; Clin. Asst. Surg. L. I. Coll. Hosp. 1911-12.—Asst. Visit. Phys. Kings Co. Hosp. and Physician, Brooklyn, N. Y.

Frow, James Richard—A. B. Lafayette 1904; Grad. Student, Wisconsin, Summer, 1905; Interne, Wilkes-Barre City Hosp. Pa. 1908-09; Asst. Surg. Southern Branch Nat'l Home for Disabled Volun. Soldiers, Nat'l Soldiers' Home, Va. 1909-12.—Citrus Grower, Zolfo, De Soto Co. Fla.

Fuerbringer, Ralph Ottomar—A. B. 1904; R. H. O. 1908-09; Asst. Surg. Clinic, Univ. of Marburg, 1910-11.—Physician, Saginaw, Mich.

Grimm, Randolph Macon—A. B. Randolph-Macon 1902, and A. M. 1903; Bacteriol. State Lab. Hygiene, Raleigh, N. C. (Oct. 1908); Asst. Surg. U. S. P. H. and M.-H. Service, 1908-12.—Passed Asst. Surg. U. S. P. H. Service; Med. Officer in chg. U. S. Pellagra Hosp. Spartanburg, S. C.

Grove, William Edward—A. B. Wisconsin 1904; Instr. in Pharmacol. Univ. of Wisconsin, Madison, 1908-09; Res. Phys. Clifton Spgs. Sanitarium, N. Y. 1909-11; Student in Berlin, 1911-12.—Physician, Wells Bldg., Milwaukee, Wis.

Gundrum, Frederick Fretageot—A. B. Leland Stanford, Jr. 1903; R. H. O. 1908-09; Dmnstr. in Anat. Univ. of Pittsburgh, and Res. Surg. St. Francis' Hosp. Pittsburgh, 1909-10; Dir. N. Calif. Bch. State Hygienic Lab. 1912-15; Vice-Pres. State Bd. Med. Ex. 1913-15; Cons. Phys. Sacramento Co. Hosp. Mem. State Bd. Health, and Physician, Sacramento, Cal.

Haas, Sylvan Lewis—S. B. California 1904; Res. Pathol. Lakeside Hosp. Cleveland, 1908-10; Interne, Lane Hosp. 1909-10.—Asst. in Surg. Stanford Univ. and Physician, San Francisco, Cal.

Hanes, Frederic Moir—A. B. North Carolina 1903; A. M. Harvard 1904; Student Leipzig and Freiburg 1905-06; R. H. O. 1908-09; Assoc. in Pathol. Coll. P. and S. Columbia, and Assoc. Visit. Pathol. Presbyterian Hosp. N. Y. 1912-13; Asst. Res. Phys. Rockefeller Hosp. N. Y.—Physician, O. P. D. Wash. U. Hosp. and Instr. in Neurol. Washington U. St. Louis.

Hanson, Henry—A. B. So. Dakota 1902; Asst. Chem. Lab. 1902-04; Asst. Supt. and Pathol. Milwaukee Co. Hosp. Wauwatosa; Pathol. Trinity Hosp. and Assoc. Prof. Pathol. Milwaukee Med. Sch. Wis. 1908-09; Prof. Clin. Micpy. Wis. Coll. P. and S. 1909.—Director, Bact. Lab. State Board of Health, Jacksonville, Fla.

Harrison, Paul Wilberforce—A. B. Nebraska 1905, and Med. Dept. 1903-05; Interne, Mass. Gen'l Hosp. Boston, 1908-09. — Medical Missionary, Kuwait, Persian Gulf, Arabia, via Bombay.

Higgins, William Harry—A. B. Central (Ky.) 1904; Interne, Allegheny Gen'l Hosp. Pa. and R. H. O. 1908-09; Asst. Res. Clifton Spgs. Sanitarium, N. Y. 1909-11.—Assoc. in Med. Coll. of Va.; Med. Supt. Hygeia Hosp. and Physician, Richmond, Va.

Hill, Miner Clifford—S. B. Princeton 1904; Instr. in Pathol. N. Y. Univ. and Bellevue Hosp. Med. Sch. N. Y. 1908-09; Interne, St. Luke's Hosp. N. Y. 1909-10; Res. Pediatrist, Bellevue Hosp. 1910-12.—Instr. Pediatrics N. Y. P. G. Med. Sch. and Physician, N. Y.

LaMont, Charles Augustus—A. B. Yale 1905; Interne, Hudson St. Hosp. N. Y. 1908-10. — Visit. Phys. Aultman Hosp., Health Officer, and Physician, Canton, O.

LeCron, Wilbur Leslie — A. B. 1904; Grad. Student Leipzig and Freiburg 1905-06; Interne, Hartford Hosp. Conn. 1908-10; Pathol. and Res. Surg. Columbia Hosp. 1910-13.—Mem. Surg. Staff Children's Hosp. Librarian Milwaukee Med. Soc. and Surgeon, Milwaukee, Wis.

Lindeman, Edward Emanuel — Ph. B. Yale 1905; Act. Asst. Surg. U. S. Pub. Health and Marine Hosp. Service, N. Y. (3 mos.); Asst. in Pharmacol. Univ. Mich. Ann Arbor, 1908-09; Dir. Tampa Lab. State Board Health, Fla. 1909-10; House Officer, Children's Hosp. Boston, 1910-11; Res. Phys. Bellevue Hosp. N. Y. 1911-12.—Physician, 40 E. 41st St., New York.

Lindsay, Janvier Whitton—A. B. Columbia 1904; Interne and Chief Res. Phys. Garfield Mem. Hosp. Washington, D. C. 1908-12.—Attend. Surg. George Washington Hosp. Disp. Mem. Bd. Directors and Consult. in Med. Woman's Clinic; Asst. Pathol. Garfield Hosp. and Physician, Washington, D. C.

Masenheimer, Harry Walter—A. B. St. John's 1904; Interne, Presbyterian Hosp. Pittsburgh, 1908-09; Res. Surg.

Lakeside Hosp. Cleveland, 1909-13.—Dmnstr. Surg. West. Reserve Med. Sch. Jr. Visit. Surg. German Hosp. and Physician, Cleveland.

May, Charles Henry—A. B. Penna. Coll. 1904; Res. Phys. Presbyterian Hosp. Pittsburgh, 1908-09.—Physician, York, Pa.

Mayo, Robert William Bainbridge—A. B. Maryland Agricult. 1903, and M. S. 1904; Supt. Gulf Coast Sanatorium, Miss. 1908-09; Asst. Res. Church Home and Infirm. 1909-10; Res. Surg. Hosp. for Women of Md. 1910-12.—Assoc. in Med. Coll. P. & S. Instr. in Clin. Med. and Dispen. Phys. and Physician, Baltimore.

McCann, James Alphonsus—Ph. B. Brown 1904; Interne, R. I. Gen'l Hosp. Providence, 1907-09.—Physician, 325 Broad St., Providence.

McClure, Roy Donaldson—A. B. Ohio State 1904; Grad. Student Prague, 1906; House Surg. New York Hosp. N. Y. 1909-12; Asst. Res. Surg. J. H. H. 1912-13.—Res. Surg. and Instr. in Surg.

McDonnell, Patrick Joseph—Ph. B. Wesleyan (Ct.) 1904; Interne, Kings Co. Hosp. (to Oct. 15, 1908); Interne, Providence Hosp. Washington, D. C. (to Mar. 1, 1910); Asst. Res. Manhattan Maternity Hosp. N. Y. (to June 1, 1910); Asst. Res. Seaside Hosp. S. I. N. Y. (to July 1, 1910); Phys. and Surg. Tonopah Mines Assn. and Phys. Tonopah, Nev. 1910-15.—Physaician, Archibald, Pa.

Mills, Charles Wilson—A. B. Williams 1902; R. H. O. 1908-09.—Asst. Phys. Loomis Sanatorium, Loomis, N. Y.

Morrill, Warren Pearl—Ph. B. Michigan 1898; Med. Dept. Illinois, 1904-05; Interne, Children's Free Hosp. Detroit, 1908-09; Res. Phys. and Supt. Sydenham Hosp. Baltimore, 1909-12; Supt. Winnipeg Gen'l Hosp. Manitoba, 1912-13. — Physician, Benton Harbor, Mich.

Ney, Grover Cleveland—A. B. Mt. St. Joseph's 1904, and A. M. 1908; Med. Supt. Hebrew Hosp. 1908-12.—Visit. Surg. *ibid*, Surg. B. & O. R. R. and Surgeon, Baltimore.

Oppenheimer, James Harry—A. B. Harvard 1904; R. H. O. 1908-09; European Clinics, 1909-10. — Physician, Philadelphia.

Preston, Robert Sheffey—A. B. Hampden-Sidney 1903; A. M. Princeton 1904; Interne, Bellevue Hosp. N. Y. 1909-11.—Assoc. in Med. Instr. in Pathol. and Pediatrics, Med. Coll. of Va. and Physician, Richmond.

Ray, Frederick Sylvanus—S. B. California 1904; R. H. O. 1908-09; Asst. Res. Surg. and Externe in Gynecol. 1909-11.—Physician, Los Angeles, Cal.

Ray, Lilian Emeline—A. B. Leland Stanford Jr. 1897, and A. M. 1901; Interne, The Hosp. for Women and Children, Syracuse, N. Y. 1908-09; Clin. Asst. Rochester State Hosp. N. Y. 1909.—Exam. Phys. for Girls in the Los Angeles City High Sch. and Physician, Los Angeles, Cal.

Ridges, Alfred Joseph, Jr.—S. B. Utah 1900.—Visit. Phys. L. D. S. Hosp. and Physician, Salt Lake City, Utah.

Rinde, Hamilton—A. B. N. Dakota 1902.—Asst. Phys. Conn. Hosp. for Insane, Middletown.

Robinson, James Lee—A. B. Texas 1904; Summer Session, Harvard Med. Sch. 1906; Res. Pathol. Mass. State Hosp. Summer, 1908; R. H. O. 1908-09; Surg. Roanoke Rapids (N. C.) Mills Co. 1909; Contract Surg., 1st Lt. Med. Reserve Corps, U. S. Army 1910; Grad. Army Med. Sch. 1910-11; 1st Lt. Med. Corps, U. S. Army 1911-14.—Capt. Med. Corps, U. S. Army, Regan Barracks, Albay, P. I.

Scarborough, James Isaac—A. B. Princeton 1904; Interne, Asst. Res. and Res. Surg. Union Protestant Infirmary, Baltimore, 1908-12; Asst. Surg. Pathol. and 1st Surg. Asst. Mayo Clinic, Rochester, Minn. 1912-14.—Surgeon, Little Rock, Ark.

Selling, Laurence—A. B. Yale 1904; Res. House Officer, 1908-09; Fellow in Pathol. (Rockefeller-Grant), 1909-10.—Instr. Med. U. of Oregon, and Physician, Portland, Ore.

Shugerman, Harry Philip—A. B. Howard Coll. 1901; Columbia 1902-04; Interne, U. P. I. Balt. (3 mos.); Army Med. Sch. Washington, D. C. 1909-10.—Phys. Hillman Hosp. Phys. B'ghm Tuber. Disp. Disp. Instr. Med. U. of Ala. and Physician, Birmingham, Ala.

Stacy, Roland Leighton—A. B. Dickinson 1904, and A. M. 1907; R. H. O. 1908-09; House Surg. Ogdensburg City Hosp. N. Y. 1909-10.—Physician, 35 State St., Ogdensburg, N. Y.

Thalheimer, William M.—S. B. Richmond 1903; Summer Sessions, Cornell 1902 and 1903; Interne, Mt. Sinai Hosp. N. Y. 1908-10; Instr. in Pathol. Univ. of Va. Charlottesville, 1910-11.—Fellow in Pathol. Mt. Sinai Hosp. and Physician, New York.

Thomas, Albert Agnew—A. B. Indiana 1904; Interne, Allegheny Gen'l Hosp. Pa. 1908-09.—Physician, Linton, Ind.

Tracy, Dwight Wallace—Ph. B. Yale 1904; Interne, Hartford Hosp. Conn. 1908-09.—Member, Bd. of Health, and Physician, Hartford, Conn.

Vest, Cecil Woods—S. B. Iowa Coll. 1904; Externe in Gynecol. 1908-09; Asst. Dr. Kelly's Sanitarium, 1909-10; Asst. Res. Gynecol. 1910-12; Res. Gynecol. and Instr. 1912-13.—Physician, The Winona, Baltimore.

Wilson, James Homer—Ph. B. Lafayette 1904; Interne, Gouverneur Hosp. N. Y. 1908-09; Med. Corps, U. S. Army, Washington, D. C. 1911-12.—Phys. for Allegheny Co. and Visit. Phys. West. Md. Hosp. and Physician, Cumberland.

Worthington, Joseph Kent—A. B. Haverford 1903; Interne, Roosevelt Hosp. N. Y. 1908-09.—Grad. Work Brady Urol. Clinic.

Clark, Webster Kimball—Ph. B. Yale 1904.—Pathol. Franklin Co. Hosp. and Physician, Greenfield, Mass. (*Degree granted April* 5, 1909.)

Porter, Frank Gibson—A. B. 1904; Pathol. Dr. Brown's Private Hosp. and Asst. Pathol. Mountainside Hosp. Montclair, N. J. 1908-09.—Physician, 2054 Woodberry Ave., Baltimore. (*Degree granted March* 1, 1909.)

Class Secretary—James S. Brotherhood, Fulton St., Grand Rapids, Mich.
(63)

1909

Austrian, Charles Robert—A. B. 1904; R. H. O. 1909-10; Asst. and Instr. in Med. 1910-14; Asst. Res. Phys. in chg. Lab. Phipps Disp. 1911-13; Assoc. in Med. and Asst. Phys. in chg. Biol. Div. 1914-15.—Phys. in chg. Phipps Disp. Assoc. in Clin. Med. and Physician, Baltimore.

Baetjer, Walter Albert—A. B. 1905; R. H. O. 1909-10; Asst. in Med. and Asst. Res. Phys. 1910-11; Res. Phys. City Hosp. Bayview, 1911-12; Asst. and Instr. in Med. and Asst. Res. Phys. 1912-15.—Assoc. in Med. in chg. Clin. Lab. and Dispen. Physician.

Bass, James Alvin—A. B. 1905.—Passed Asst. Surg. U. S. Naval Acad. Annapolis.

Birdsong, Julian Lee—S. B. Nashville 1899; Interne, Hartford Hosp. Conn. 1909-11. — Physician, 110 High St., Hartford, Conn.

Budd, Samuel Walthall—A. B. Hampden-Sidney 1904; Grad. Student 1904-05; R. H. O. 1909-10; Pathol. Norfolk Protest. Hosp. 1910-14.—Assoc. Prof. Pathol. and Assoc. in Med. Coll. of Va. Richmond.

Burrows, Montrose Thomas—A. B. Kansas 1905; Asst. Rockefeller Inst. for Med. Research, N. Y. 1909-11; Instr. Anat. Cornell, N. Y. 1911-15.—Assoc. in Pathol.

Cashman, Bender Zelotes—A. B. Pennsylvania Coll. 1905; Interne, West. Penna. Hosp. Pittsburgh, 1909-10; Res. Surg. St. Francis' Hosp. Pittsburgh, 1910-12.—St. Francis' Hosp. and Physician, Pittsburgh, Pa.

Cecil, Arthur Bond—A. B. St. John's 1905; Late Asst. Surg. U. S. Navy, 1909-10; Grad. U. S. Naval Med. Sch. 1910; Asst. Surg. N. Y. Naval Hosp. 1910; Asst. to Dr. Young, 1911-12; Asst. Res. Surg. 1912-13.—Instr. G.-U. Surg. Univ. Calif. Los Angeles.

Child, Florence Chapman—A. B. Bryn Mawr 1905; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1909-10; Interne, Babies' Hosp. N. Y. 1911; Clin. Asst. Gyn. and Pediatrics, Women's Hosp. of Phila. 1912; Visit. Phys. Florence Crittenden Home of Phila. 1913.—Asst. Kensington Disp. for Tub. Chf. Clinic, Chldn. Jewish Hosp. Disp., Med. Inspector of Schools, and Physician, Philadelphia.

Cole, Walter Francis—S. B. Clemson 1902; A. B. North Carolina 1905.—Surgeon, Greensboro, N. C.

Connett, Harry Lewis — Ph. B. Ohio Univ. 1905; Phys. Dr. Hyde's Private Hosp. Nelsonville, O. 1910-12.—Asst. Prof. Pathol. Creighton Med. Sch. and Physician, Omaha, Neb.

Crawford, Jennings—Ph. B. Coe 1905; Interne, Hartford Hosp. Conn. 1909-11.—Physician, Cedar Rapids, Ia.

Dimon, James Watson Williams—A. B. Williams 1905; House Phys. Faxton Hosp. Utica, N. Y. 1909-10.—Physician, 600 State St., Utica, N. Y.

Elliott, John Roscoe — A. B. Western Maryland 1905.—Interne and Asst. Supt. R. I. Gen'l Hosp. Providence, 1909-12.—Physician, Laurel, Del.

Emmert, Max—A. B. Iowa 1905.—Surg. Equitable Bldg., Des Moines, Ia.

Essick, Charles Rhein—A. B. Yale 1905; Asst. Instr. and Assoc. in Anat. 1909-15.—520 Franklin St., Reading, Pa.

Estes, William Lawrence, Jr. — A. B. Lehigh 1905; R. H. O. 1909-10; Asst. in Mayo Clinic, Rochester, Minn. 1910-12.—Chief Staff, St. Luke's Hosp. Consult. Phys. Lehigh Univ. and Physician, So. Bethlehem, Pa.

Ferenbaugh, Thomas Ludlow—A. B. Kenyon 1905; Grad. Army Med. Sch. Wash. D. C. 1910.—Captain, Med. Corps, U. S. Army, Fort St. Michael, Alaska.

Fisher, Arthur Oscar—A. B. Wisconsin 1905; R. H. O. 1909-10; Asst. Res. Surg. 1910-11; Asst. in Surg. Washington Univ. Hosp. 1911-14.—Instr. *ibid.* and Visit. Surg. St. Louis City Hosp.; Asst. Surg. Barnes Hosp.; Surg. O. P. D. Wash. Univ. Hosp. and Surgeon, St Louis.

Fletcher, H. Quigg — A. B. Georgia 1904; R. H. O. 1909-10; Asst. Res. Surg. U. P. I. Balt. 1910-11.—Visit. Phys. Baroness Erlanger Hosp. Woolford Infirmary; Director, Health and Sanitation, City of Chattanooga; 1st Lieut. M. R. C. U. S. Army, and Physician, Chattanooga, Tenn.

Gentry, Ernest Robert—A. B. Kansas 1905, and Med. Dept. 1905-1906; Army Med. Sch. Washington, D. C. 1909-10; Lab. Surg. Gen'l Office, Wash. Summer, 1910; 1st Lieut. Med. Corps, U. S. Army, Ft. Leavenworth, Kans. 1910-11.—Mem. U. S. Army Bd. for Study Trop. Diseases, and Capt. Med. Corps, U. S. Army, Ft. Screven, Ga.

Girdwood, Ethel Mathews—(Mrs. George Peirce), A. B. Bryn Mawr 1903; Asst. in Pathol. Univ. Wisconsin, Madison, 1912-13.—Roland Park, Baltimore.

Goetsch, Emil—S. B. Chicago 1903, and Ph. D. 1906; Fellow, Asst. and Assoc. in Anat. *ibid.* 1904-08; Research Asst. Dept. of Exp. Therapeut. *ibid.* 1908 and 1909; Asst. in Surg. (H. L.), 1909-10; Asst. Res. Surg. 1910-12; Res. Surg. Peter Bent Brigham Hosp. and Asst. in Surg. Harvard Med. Sch. Boston 1912-15.—Assoc. in Surgery.

Hart, William Ernest—S. B. Washington and Jefferson 1905; House Gynecol. Roosevelt Hosp. N. Y. 1909-11; Interne, Manhattan Maternity Hosp. 1911; Tuxedo Hosp. Tuxedo, N. Y. 1911-12.—Asst. Attend. Surg. Washington Hosp. Con. Phys. Hilleview Sanitarium, and Physician, Washington, Pa.

Harvey, Thomas William, Jr. — S. B. Princeton 1905; Interne, Presbyterian Hosp. N. Y. Surg. N. Y. Lying-in Hosp. (to Jan. 1912).—Asst. Attend. Surg. Orange Mem. Hosp. Anest. New Jersey Ortho. Hosp. and Physician, Orange, N. J.

Jeans, Philip Charles — A. B. Kansas 1904; Interne, Hartford Hosp. Conn. 1909-10; Interne, Children's Hosp. Boston, 1910-11; Interne, Boston Floating Hosp. Res. Phys. Boston Disp. Hosp. for Children, 1911-12; Res. Phys. St. Louis Child. Hosp. 1912-13; Asst. in Pediatrics, Wash. Univ. Med. Sch. from Sept. 1912.—Asst. Phys. St. Louis Childn. Hosp.; Phys. O. P. D. Wash. Univ. Hosp. and Instr. in Pediatrics, Washington Univ. St. Louis.

Kingsley, Charles Rawson, Jr.—S. B. New York Univ. 1905; R. H. O. 1909-10.—Pathol. St. Vincent's Hosp. Adj. Phys. S. R. Smith Infirmary; Asst. Visit. Phys. Sea View Hosp. Asst. Bact. N. Y. Quarantine Sta. and Physician, West New Brighton, N. Y.

Mann, Baldwin—A. B. Williams 1905; House Officer, N. Y. City Hosp. 1909-10.—Physician, 469 Franklin St., Buffalo, N. Y.

Meader, Fred Marlin—S. B. Wesleyan (Conn.) 1902, and M. S. 1905.—Dir. Div. Communicable Diseases, N. Y. State Dept. Health, Albany.

Moss, Philip Ball—S. B. Central (Ky.) 1905; Interne, Union Prot. Infirmary, 1909-10.—State Pathol. Montgomery, Ala.

Murphy, James B.—S. B. North Carolina 1905; Med. Interne, Pathol. Inst. Ward's Is. N. Y. 1909-10.—Assoc. Mem. The Rock. Inst. for Med. Res. New York.

Nixon, Patrick Ireland—A. B. Texas 1905; R. H. O. 1909-10; Asst. Res. Surg. 1910-11.—Surgeon, Hicks Bldg., San Antonio, Texas.

Pretz, George Rupp—S. B. Penna. Coll. 1905, and M. S. 1908.—Physician, Lebanon, Pa.

Schaefer, Solomon W.—A. B. Washington and Lee 1904; R. H. O. 1909-10; Gyn. County Hosp. and Surg. Attend. Free Disp. and Phys. Portland, Ore. 1910-12.—Res. Phys. The Glockner Sanatorium, and Physician, Colorado Springs.

Sellards, Andrew Watson—A. B. Kansas 1903, and A. M. 1904; Instr. Tropical Med. and Asst. Res. Phys. Philippine Gen'l Hosp. and Asst. to Bureau of Science, Manila, P. I. 1909-11; Asst. Res. Phys. and Instr. in Med. in chg. Biol. Div. Med. Clinic 1911-14.—Harvard Med. Sch. Boston.

Sprunt, Thomas Peck—A. B. Davidson 1903; Asst. Instr. and Assoc. in Pathol. and Asst. Res. Phys. 1909-15.—Instr. in Med. and Res. Physician, City Hosp. Bayview.

Stewart, James Russell — A. B. Lake Forest 1905; Interne, New Haven Hosp. Conn. 1909-10.—Asst. Res. Adirondack Cottage, Sanitarium, Saranac Lake, 1911-12.—Physician, Colorado Springs, Colo.

Stick, Edward Wentz—A. B. Franklin and Marshall 1904; House Officer, M. E. Hosp. Philadelphia, 1909-10; Chief Res. Phys. Kensington Hosp. for Diseases of Women, Phila. 1910-11.—Physician, Hanover, Pa.

Thomson, Herbert Sedgefield—S. B. California 1904; House Officer and Surg. New York Hospital, 1909-11; Phys. Public Athletic League and Phys. Baltimore, 1911-12.—Instr. in Surg. Univ. Calif. Med. Dept. and Physician, Berkeley.

***Trotter, Charles Edward**—S. B. N. C. Coll. Agricult. and Mechanic Arts 1903; Grad. Student 1904-05.

Waite, Robert Lester — Ph. B. Yale 1905; Clin. Asst. South Balt. Eye, Ear and Throat Charity Hosp. 1909-10.—Asst. Ophthalmic and Aural Surg. Hartford Hospital, and Physician, Hartford, Conn.

Walker, Isaac Chandler—A. B. 1905; Grad. Student Harvard 1909; Med. House Officer, Carney Hosp. Boston, 1909-11; Lect. Clin. Micpy. and Phys.

Diag. Univ. of Ia. Iowa City, 1911-12; Grad. Student, Freiburg 1912; Asst. in Pharmacol. Harvard Med. Sch. 1913; Asst. in Med. Harvard and Act. Res. Phys. Peter Bent Brigham Hosp. 1914; Military Hosp. France, 1915.—Clin. Inves. Peter Bent Brigham Hosp. Boston.

Wallace, William Glenn—S. B. Hanover 1905; Interne, New Haven Hosp. Conn. 1909-11. — Physician, Mattoon, Ill.

Walton, Duncan Cameron — A. B. St. John's 1905.—Passed Asst. Surg. U. S. Navy Dept. Physical Training, Annapolis.

Watkins, Leon Harlan—A. B. Southern 1903, and A. M. 1905; R. H. O. Asst. Res. and Res. Gynecol. 1909-14.—Physician, Opelika, Ala.

Webb, Charles Wallace—S. B. Arkansas 1905; R. H. O. 1909-10; Res. Surg. Clifton Spgs. Sanitarium, N. Y. 1910-12; Asst. Res. Physician, 1912-13.—Assoc. Surg. Clifton Spgs. Sanitarium and Surgeon, Ithaca, N. Y.

Wiesender, Arthur James—A. B. Ripon 1905; R. H. O. 1909-10.—Physician, Berlin, Wis.

Woltereck, Gustav Herman—A. B. 1905; Asst. Phys. Balt. City Jail, 1909-10; Asst. Phys. Maryland Penitentiary, 1910-12.—Asst. in Pathol. Coll. P. and S. Throat Inspec. for Baltimore and Asst. in Med. J. H. Disp. and Physician, Baltimore.

Wyatt, Walter Simrall—S. B. Alabama 1904, and M. S. 1905; Med. Interne, Lakeside Hosp. Cleveland, 1909-11; House Officer, Boston City Hosp. Boston, 1911.—Physician, Security Trust Bldg., Lexington, Ky.

Youmans, Iva Catherine—A. B. Converse 1897; N. Y. Univ. Summer Sch. 1904; Interne, N. Y. Infirmary for Women and Children, 1909-10.—Asst. Bacteriologist, State Bd. Health, Miami, Fla.

***Coan, Thomas Patrick**—A. B. Mt. St. Joseph 1903. (*Degree granted March 7, 1910*). **Feb.* 2, 1912.

Cooper, Ernest—A. B. South Carolina 1900; Pathol. and Bact. State Hosp. for Insane, 1911-13.—Supt. S. C. State Sanatorium, Columbia, S. C. (*Degree granted January* 3, 1910.)

***Torrey, Julia Maria** — A. B. Boston Univ. 1888. (*Degree granted January* 3, 1910.) **May*, 1911. (53)

Class Secretary—Walter A. Baetjer, 16 W. Madison St., Baltimore.

1910

Allen, Mary Dayton (Mrs. George F. Zoeckler)—A. B. Mt. Holyoke 1905; R. H. O. 1910-11; Res. Phys. The Woman's Hosp. Hamadan, Persia, 1912-14.—Physician, Dautababad, Malayir, Persia.

Armstrong, Edward McPherson — A. B. Princeton 1904; Rhodes Scholar, Oxford 1905-08; and B. Sc. 1908; Student, Prag. and Edinburgh Universities (Summers, '06 and '07); Surg. House Officer and Surg. New York Hosp. 1910-12.—Res. Surg. Tuxedo Hosp. Tuxedo, N. Y.

Baker, Moses Haven — S. B. Purdue 1905; Interne, St. Francis' Hosp. Pittsburgh, 1910-12.—Physician, Jenkins Arcade, Pittsburgh.

Barbour, Henry Gray — A. B. Trinity (Conn.) 1906; Fellow in Pathol. 1910-11; Research Student, Freiburg, Germany, 1911, Vienna, 1912, and London, 1913.—Asst. Prof. Pharm. Yale Med. Sch. New Haven, Conn.

Boehm, Emil—S. B. St. Louis Univ. 1906; Interne, Bellevue Hosp. N. Y. 1910-13.—Surgeon, 715 N. 8th St., St. Louis, Mo.

Bole, William Symington—S. B. Montana Agricult. 1906.—Physician, Great Falls, Mont.

Bookwalter, Carl Ferdinand—S. B. Purdue 1900; Asst. and House Surg. N. Y. Eye and Ear Infirm. 1910-11; Interne, Kingston Ave. Hosp. Brooklyn, N. Y. 1912; Grad. Work, Europe, 1912-13. — Instr. in Otology, Northwestern Univ. Asst. Attend. Otol. Wesley Mem. Hosp. Asst. Surg. Ill. Char. Eye and Ear Infirm. and Physician, Chicago, Ill.

Butler, Ethan Flagg—A. B. Princeton 1906; Volun. Med. Asst. Labrador Med. Mission, Summers, 1908-1909, and 1910; Asst. Mayo Clinic, Rochester, Minn. 1911-14; Director, Serbian Unit 2, Amer. Red Cross, War Relf. Detachment, 1914-15.—1st Lieut. Med. Reserve Corps, U. S. A. 1535 Eye St., Washington, D. C.

Calihan, Walter Austin—A. B. Rochester 1906; Res. Surg. St. Agnes' Hosp. 1910-12.—Jr. Surg. St. Mary's Hosp. and Surgeon, Rochester, N. Y.

Carter, Ross Stagg—A. B. Leland Stanford, Jr. 1905.—Physician, San Diego, Cal.

Chambers, Thomas Rodney—A. B. 1906; Interne, St. Agnes' Hosp. 1910-11; Asst. in Pathol. Mercy Hosp. 1911-12; Assoc. in Surg. Coll. P. and S. 1913-14.—Coroner, Asst. Disp. Surg. and Physician, Baltimore.

Choate, Joseph Lynn—A. B. Leland Stanford, Jr. 1906; A. M. Southern Calif. 1907, and Med. Student 1906-08; Cooper Med. Coll. 1907; Student, Strassburg and Freiburg 1909, and Münich, 1912.—Physician, 215 W. 6th St., Los Angeles.

Cody, Claude Carr, Jr.—A. B. and A. M. Southwestern 1904 and 1905; Student of Medicine 1905-07; Interne, Bellevue Hospital, New York, 1907-09.—New Orleans, La.

Conner, Haskett Lynch—A. B. DePauw 1906; Interne, Church Home and Infirmary, 1910-11.—Physician, Claypool Bldg., Indianapolis, Ind.

Collenberg, Henry Theodore—A. B. 1906.—Physician, 3103 Clifton Ave., Baltimore.

Costello, Henry Nicholas—A. B. Yale 1906; Interne, Hartford Hosp. Conn. 1910-12.—Asst. Visit. Surg. Hartford Hosp. Mem. Health Comm. and Surgeon, Hartford.

Dandy, Walter Edward—A. B. Missouri 1907, and Student of Med. 1906-07; A. M. J. H. U. 1911; Asst. in Surg. Hunterian Lab. 1910-11.—Asst. Res. Surg. and Instr. in Surg.

Deming, Clinton Demas — A. B. Yale 1907, and Student of Med. 1906-07; Asst. in Pathol. 1910-11; Interne, Hartford Hosp. 1911-13.—Asst. Visit. Surg. Hartford Hosp. and Surgeon, Hartford, Conn.

Denzer, Bernard Solomon — A. B. Columbia 1906; Interne, The German Hosp. New York, 1910-13. — Asst. Admit. Phys. German Hosp. Adj. Attend. Phys. Lebanon Hosp. and Physician, N. Y.

Devan, Thomas Alan — S. B. Rutgers 1906. — Interne, Presbyterian Hosp. New York.

Edlavitch, Baruch Mordecai—A. B. 1906; Res. Pathol. Hebrew Hosp. Baltimore 1910-11; Pathol. Univ. Hosp. Ia. State Univ. Iowa City, 1912.—Pathol. Hope Hosp. and Physician, Fort Wayne, Ind.

Engle, Ralph Landis—A. B. Lebanon Valley Coll. 1905; A. M. Yale 1906; Interne, Bellevue Hosp. N. Y. 1911-13; Grad. Student, Univs. Vienna and Berlin 1913.—Physician, 827 S. 60th St., Philadelphia.

Fenton, Horace Burnett—A. B. Oregon 1906; Instr. Physiol. and Thera. U. of Ore. Med. Sch. 1911-13.—Physician, Stevens Bldg., Portland, Ore.

Gilcreest, Edgar Lorrington — A. B. Texas 1906; Interne, Lakeside Hosp. Cleveland, 1910-13; Serbian Red Cross Surg. at Kragoujevaatz, Servia, and Vol. Asst. Surg. Staff Univ. Gratz, Austria, 1913-14; Amer. Red Cross Surg. Paignton, England, 1915.—Surgeon, Gainesville Sanitarium, Gainesville, Tex.

Ginsberg, Hyman—B. S. Georgia, 1906; Interne, Lane Hosp. San Francisco, 1910-12; Asst. in Surg. Birmingham Med. Sch. Gynecol. Hillman Hosp. Birmingham, Ala. 1912-15.—Surgeon, Pensacola, Fla.

Gorham, Lemuel Whittington — A. B. Yale 1906; R. H. O. 1911; Asst. in Path. City Hosp. Boston, 1912-13.—Instr. in Med. Albany Med. Coll. Asst. Attend. Phys. St. Peter's Hosp. and Physician, Albany, N. Y.

Grimes, William Lawrence—S. B. North Carolina 1906; Res. Surg. Union Protestant Infirmary 1910-14. — Surgeon, Winston-Salem, N. C.

Hall, Crowell Clarinton, Jr.—A. B. Bowdoin 1906.—Physician, Foxcroft, Me.

Hegeman, Runkle Fisher—A. B. Princeton 1906; R. H. O. 1910-11; Res. Phys. N. Y. Foundling Hosp. N. Y. 1911-12; Res. Phys. N. Y. Nursery and Child's Hosp. 1912-13; Res. Surg. St. Mary's Free Hosp. for Children, N. Y. 1913.—Physician, Somerville, New Jersey.

Jarvis, Henry Gildersleeve—A. B. Yale 1906; Interne, Conn. Hosp. for the Insane, Middletown (to Jan. 1, 1911); Interne, Hartford Hosp. Conn. (after Jan. 1911.—Physician, 98 High St., Hartford.

Johann, Albert Eugene—A. B. Christian 1906; Grad. Student, Chicago Summer of 1906; Senior House Officer, Boston Floating Hosp. (Summer, 1911); Interne, Boston Children's Hosp. 1910-12.—Physician, Donaldson Bldg., Minneapolis, Minn.

Ledbetter, Samuel Laban, Jr. — S. B. Alabama 1906; Res. Surg. Lakeside Hosp. and Clin. Asst. Surg. Med. Dept. West. Reserve Univ. Cleveland 1910-15.—Surgeon, 1630 10th Ave. S., Birmingham, Ala.

Major, Ralph Herman—A. B. William Jewell 1902; Student, Leipzig, Munich and Chicago, 1904-06; R. H. O. 1910-11; Asst. Res. Phys. and Asst. in Med. 1910-12; Instr. Pathol. Stanford Med. Sch. San Francisco 1912-14.—Prof. Pathol. Univ. Kansas, Rosedale.

Mattice, Albert Francis—S. B. South Dakota State Coll. 1904, Ph. G. Washington State Coll. 1906; Ophthal. Clinic and Bacteriol. Research with Prof. Theo. Axenfeld, Freiburg, Germany, 1910-12; Ophthal. Clinic and Pathol. with Prof. E. Fuchs, Vienna, Austria 1912-13; Private Asst. Dr. Alex. Duane; Clin. Asst. Herman Knapp Mem. Eye Hosp. N. Y. 1913-14.—Oculist, Cobb Bldg., Seattle, Wash.

Miller, Sydney Robotham—S. B. New York Univ. 1905; R. H. O. 1910-11; Asst. in Clin. Med. and Dir. of Med. Lab. Phipps Psychiatric Clin. 1912-15.—Instr. in Clin. Med. Dispen. Physician, and Physician, Baltimore.

Monroe, Dana Elbra—A. B. Texas 1906; Interne, Nursery and Child's Hosp. N. Y.—House Officer, Post-Grad. Hosp. New York.

Morris, Raymond Bartlett—A. B. Yale 1907, and Student of Med. 1906-07; Interne, Union Protestant Infirmary, Baltimore, 1910-11. — Attend. Surg. Higgens Mem. Hosp. and Physician, Olean, N. Y.

Morrison, Angus Washburn—A. B. Yale 1906; Interne, Royal Victoria Hosp. Montreal, 1910-11; Europe, 1911-12. —Instr. Nerv. and Mental Diseases, Univ. of Minnesota, and Physician, Minneapolis.

Morse, Douglas Howell—S. B. California 1907, and Med. Student, 1906-07; R. H. O. 1910-11; Clin. Path. Wash. Univ. Med. Sch. St. Louis, 1911-12; Path. Pomona Valley Hosp. 1914-15.—Physician, Pomona, Cal.

Neel, James Craig—Ph. B. Marietta 1906; R. H. O. and Asst. Res. Gyne. 1910-14; Gynecol. in Chg. Res. Gynecol. and Instr. in Gynecol. 1914-15. —Instr. Gyne. and Obstet. U. of Calif. San Francisco.

Newcomb, William Bradford—A. B. William and Mary 1906; House Phys. New York Hosp. 1910-12; Asst. Pathol. *ibid.* 1912-13.—Attend. Phys. St. Christopher's Hosp. and Pathol. Norfolk Prot. Hosp. and Physician, Norfolk, Va.

Nichols, Firmadge King—A. B. 1906.—Res. Phys. Obstet. and Gynecol. St. Agnes' Hosp. 1910-12.—Assoc. in Gynecol. and Obstet. St. Agnes' Hosp. Assoc. in Physiol. Coll. P. and S. 1st Lieut. Med. Res. Corps, U. S. Army, Asst. Dispen. Phys. and Physician, Baltimore.

Nicholson, Samuel Timothy, Jr.—A. B. North Carolina 1906; Res. Phys. Telfair Hosp. for Women, Savannah, Ga. June, 1910-July, 1911; Visit. Phys. St. Joseph Lead Co. Hosp. Bonne Terre, Mo. July, 1911-Dec. 1911; Asst. Clin. Pathol. Washington Univ. Hosp. St. Louis, 1912; Supt. Sydenham Hosp. for Infectious Diseases, Baltimore, 1912-13. — Pathol. Clifton Spgs. Sanitarium, New York.

Norton, Willey Higby—A. B. Ohio 1906; —Res. Gynecol. Lakeside Hosp. Cleveland, 1910-12; Res. Surg. Hinton Hosp. Hinton, W. Va. 1912-13; Prof. Bact. and Asst. Dean, Univ. Oregon, 1914-15. — Phys. and Surg. Corbett Bldg., Portland, Ore.

Orr, Thomas Grover—A. B. Missouri 1907; Student of Med. 1906-07; Interne, Kansas City Gen'l Hosp. Mo. (July 1 to Jan. 1); House Officer, Hudson St. Hosp. New York, 1911-12; House Surg. St. Mary's Hosp. for Children, N. Y. 1912-13.—Instr. Surg. Chf. O. P. D. Surg. Clin. Univ. of Kansas, and Physician, Kansas City.

Pratt, Jean Paul — A. B. Ohio State 1906; R. H. O. and Asst. Res. Surg. 1910-13. — Instr. in Surg. Univ. of Calif. San Francisco.

Ramage, Chesney Macauley—S. B. West Virginia Univ. 1907, City Bacteriol. and Physician, Fairmont, W. Va.

Rhodes, Robert Lewis — A. B. Emory 1906.—Gynecol. Jefferson Hosp. Roanoke, Va.

Robinson, Harry Hungate—A. B. Michigan 1907, Med. Student 1906-08; Interne, St. Elizabeth's Hosp. Elizabeth, N. J. 1910-12.—1st Lieut. Med. Res. Corps, and Physician, Spokane, Wash.

Rogers, Walter Black—A. B. Washington and Jefferson 1906; Interne, St. Francis' Hosp. Pittsburgh, 1910-11.—Res. Surg. Lakeside Hosp. Clin. Asst. Surg. West. Res. Univ. Cleveland.

Rohde, Alice — S. B. Chicago 1903.—Mary Putnam Jacobi Fellowship, Berlin, German, 1910-13; Instr. Physiol. Chem. Carnegie Inst. of Tech. Pittsburgh, Pa. 1913-14.—Asst. in Pharmacol.

Rosenfeld, James Wendel—A. B. Leland Stanford, Jr. 1906; Asst. Phys. Kgl. Univ. Kinderklinik, Breslau, 1910-12. —Instr. in Ped. Univ. of Oregon, and Pediatrician, Portland.

Sanderson, Raymond—S. B. Princeton 1905; Asst. Res. Phys. The Sanitarium, Clifton Springs, N. Y. 1910-11; Bact. and Pathol. Ontario and Yates Counties Lab. Canandaigua, N. Y. 1911-14.—Pathol. Ulster Co. Lab. Kingston, N. Y.

Semmes, Raphael Eustace, Jr.—A. B. Missouri 1907, and Student of Med. 1906-07; R. H. O. 1910-11; Interne Woman's Hosp. N. Y. 1911-12.—Asst. Chair. Surg. Univ. Tenn. Asst. Attend. Surg. Brinkley Mem. and City Hosps. and Physician, Memphis, Tenn.

Senseny, Herbert Milford—A. B. Adelbert 1906; Interne, Milwaukee County Hosp. Wauwatosa, Wis. 1910-12. — Oculist and Aurist, Ft. Wayne, Ind.

Sheetz, John William—Ph. B. Franklin and Marshall 1906; Interne, St. Francis' Hosp. Pittsburgh, 1910-12; Asst. Res. Phys. 1912-13.—Physician, 207 E. State St., Columbus, O.

Stephenson, Henry Augustus—A. B. Randolph-Macon 1906; R. H. O. and Asst. Res. Obstet. 1910-12; Res. Obstet. and Instr. in Obstet. 1912-14. —Asst. Prof. Obstet. and Gynecol. Stanford Univ. San Francisco.

Taylor, Howard Lester—A. B. Oberlin 1906; Res. Phys. Lakeside Hosp. Cleveland, 1910-13.—Instr. Med. West. Res. Univ. and Physician, Cleveland.

Thornton, William Lawson—S. B. Alabama Polytech. 1903; Interne, Union Protestant Infirmary, 1910-12.—Physician, Empire Bldg., Birmingham, Ala.

Tredway, Thomas Palmer—A. B. Western Maryland 1906; Interne, Adrian Hosp. Punxsutawney, Pa. 1910-11.—

Med. Inspec. Erie Pub. Schs. Pathol. Harnot Hosp. Phys. Home Friendless, and Physician, Erie, Pa.

Valk, Arthur deTalma—A. B. St. John's 1906, M. A. 1911; R. H. O. 1910-11; Res. Surg. Kernan Hosp. for Crippled Children, 1911-12.—Surgeon, Winston-Salem, N. C.

Vanorden, Herbert Francis—Ph. B. Yale 1907, and Student of Med. 1906-07; Jr. Int. Boston Floating Hosp. 1909; Interne, Kansas City Gen'l Hosp. 1910-11.—Asst. in Gyne. and Obstet. Kansas Univ.; Obstetn. Florence Crittenden Home, and Physician, Kansas City, Mo.

Watson, Clyde Emil—S. B. W. Virginia 1905; Interne, Samuel Merritt Hosp. Oakland, Cal. 1910; Asst. Prof. Anat. and Path. West Virginia Univ, and Phys. Morgantown, W. Va. 1910-12.—Physician, Nampa, Idaho.

Watson, Helen—(Mrs. M. C. Winternitz), A. B. Wellesley 1905; R. H. O. Asst. Res. Phys. and Asst. in Med. 1910-14.—Windsor Hills, Baltimore.

Weinberg, Milton—A. B. South Carolina 1906; Asst. Dir. Rural Sanitation for So. Car. Manning, 1910-12.—Physician, Telfair Hosp. for Women, and Physician, Savannah, Ga.

Wenning, Theodore Henry—A. B. St. Xavier 1904; Grad. Student, Cincinnati 1904-06; Interne, Roosevelt Hosp. N. Y. 1910-12; Red Cross Volun. Serbian Sanitary Corps, Kragnjewatz, 1913. — Attend. Phys. St. Mary's Hosp.; Instr. Biol. St. Xavier Coll. and Physician, Cincinnati.

Wesson, Miley Barton — S. B. Texas 1902; Interne, Hudson St. Hosp. N. Y. 1910-12.—Dir. El Paso Pasteur Inst. 1st Lieut. Med. Res. Corps, and Phys. and Surg. El Paso, Tex.

Whitcraft, James Harvey—S. B. Wooster 1905; Interne, Kansas City Hosp. Mo. (after Jan. 1, 1911).—Physician, Wilkinsburg, Pa.

Zartman, Luke V.—A. B. Ohio State 1906; Interne, Hosp. for Women of Maryland; Act. Asst. Res. J. H. H. 1910-11; Res. Church Home and Infirmary, 1911-13.—Asst. in Surg. Ohio State Univ. and Physician, Columbus, Ohio. (69)

Class Secretary—Thomas A. Devan, Highland Park, New Brunswick, N. J.

1911

Adams, Lester—A. B. Bowdoin 1907; Interne, St. Francis' Hosp. Pittsburgh, Pa. 1911-12; Res. Phys. City Hosp. Bayview, 1912-14. — Pathol. Eastern Maine Gen'l Hosp. Bangor.

de Angulo, Cary Fink—A. B. Vassar 1906; Student, Harvard 1911-12.—Stanford Univ. Calif.

Bedinger, John Van Doren—S. B. Princeton 1907; Interne, Willard Parker and Bellevue Hosps. N. Y. 1911-13. —Asst. in Pediatrics, Univ. of Louisville; Visit. Phys. City Hosp. and Physician, Louisville, Ky.

Bennett, Walter Scott—A. B. Colgate 1904; Interne, Norwegian Hosp. Brooklyn, N. Y. 1911-12; Res. Seaton Hosp. N. Y. 1913; Asst. Phys. Sailors' Snug Harbor Hosp. New Brighton, S. I. N. Y.—Asst. Radiograph. Norwegian Hosp. and Physician, Brooklyn, N. Y.

Bird, William Edwin, Jr.—A. B. 1907; Asst. Res. Surg. St. Agnes' Hosp. Baltimore, 1911-12; Res. Surg. *ibid.* 1912-13.—Surgeon, 907 Delaware Ave., Wilmington, Del.

Bloomfield, Arthur Leonard—A. B. 1907; R. H. O. 1911-12; Asst. Res. Phys. and Asst. in Med. 1912-15.—Instr. and Asst. Res. Physician.

Booth, John Rochester—A. B. Randolph-Macon 1907; Interne, Bellevue Hosp. N. Y. 1912-13; Interne, Manhattan Maternity Hosp. N. Y. 1913-15.—Physician, 378 Monroe Ave., Rochester, N. Y.

Brockway, George Edward, Jr.—A. B. Williams 1907; Summer Session, Cornell 1907; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1911-13; Interne, Bellevue Hosp. 1913-14; Res. Ped. St. John's Guild, Floating Hosp. N. Y.; Res. Phys. Kings Co. Hosp. 1914-15.—Physician, 150 Lafayette Ave., Brooklyn, N. Y.

Brooks, Barney—S. B. Univ. of Texas 1905; R. H. O. 1911-12.—Res. Surg. Barnes Hosp. Asst. in Surg. Wash. Univ. Med. Sch. St. Louis.

Carter, Earle Buell—Ph. B. Yale 1907; Interne, Norwegian Hosp. Brooklyn, N. Y. 1911-13.—Physician, 631 Albany Ave., Hartford, Conn.

Cohn, Joseph David—A. B. Univ. of Texas 1907.—Visit. Surg. Spohn Sanitarium; 1st Lieut. Med. Corps, Texas Nat. Guard, and Physician, Corpus Christi, Tex.

Collinson, John, Jr.—A. B. St. John's 1907; Interne, James Walker Mem. Hosp. Wilmington, N. C. 1911-12; Res. Phys. Polyclinic Hosp. Philadelphia, 1912-13; Interne, N. Y. Nursery and Child's Hosp. N. Y. 1913.—Sanitary Field Dir. Internat. Health Comm. Georgia.

Colston, John Archibald Campbell—Ph. B. Yale 1907; R. H. O. 1911-12; Asst. Res. Surg. 1912-14.—Asst. to Dr. Young.

Council, Melton Downie—Ph. B. Emory 1905; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1911-12; Res. Phys. Macon (Ga.) Hosp. 1912-13.—Physician, 320 Orange St., Macon.

Crawford, Francis Randolph — A. B. Washington and Lee 1906; Interne,

St. Francis' Hosp. Pittsburgh, 1911-12; Asst. Surg. Clifton Springs Sanitarium, N. Y. Europe, 1912-13; Student, Berlin, 1913-14. — Physician, Kiangyin Hosp. Sthn. Presby. Mission, China.

Davis, David Melvin—S. B. Princeton 1907; Interne, City Hosp. Bayview, 1911-12; Asst. in Pathol. 1912-14.—Pathol. Brady Urol. Inst. and Instr. in Clin. Urology.

De Sautelle, William Thomas — A. B. Wisconsin 1908, and Student of Med. 1907-08; Interne, Harlem Hosp. New York, 1911-12; Pathol. Lincoln Mem. Hosp. Knoxville, 1912-13.—Visit. Path. and Bact. Knoxville Gen'l Hosp. and Physician, Knoxville, Tenn.

Dunn, William Milas—A. B. Davidson 1903; Summer Session, Columbia 1907; House Officer, Mass. Gen'l Hosp. Boston, 1911-12. — Surgeon, Atlanta, Georgia.

Dunning, Ralph Henry — A. B. Yale 1907; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1911-12; Asst. Phys. St. Lawrence State Hosp. Ogdensburg, N. Y. 1912-13.—Physician, Eastwood, N. Y.

Fried, Hiram—A. B. 1907; Interne, City Hosp. Bayview, 1911-12; Asst. Phipps Research Lab. for Tuberculosis, 1912-13; Pathol. Church Home and Infirm. 1913-15.—Asst. Disp. Phys. and Physician, Baltimore.

Frontz, William Archibald—A. B. Princeton 1907; R. H. O. 1911-12.—Res. Urologist.

Fullerton, William Dixon—Ph. B. Yale 1907; Res. Gynecol. Lakeside Hosp. Cleveland, 1911-13; Interne, Sloane Maternity Hosp. N. Y. 1913-14; Res. Obstet. Maternity Hosp. 1914; Dmnstr. in Obster. Gynecol. West. Res. Univ. Asst. Gynecol. O. P. D. Lakeside Hosp. and Physician, Cleveland.

Gallagher, Hiram—A. B. Catholic Univ. of America 1907; Summer Session, Univ. of Chicago 1907; Winter Semester, Freiburg 1908-09; Interne, St. Francis' Hosp. New York 1911-14; Physician, Strong Bldg., Los Angeles, Cal.

Gilland, Thomas Henry—Ph. B. Lafayette 1907; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1911-12.—Physician, Greencastle, Pa.

Grant, Ernest Owsley—A. B. Central Univ. of Ky. 1907; Interne, Lakeside Hosp. Cleveland, 1912-13.—Asst. in Urol. Univ. of Louisville; Surg. Visit. Urol. City Hosp. and Surgeon, Louisville, Ky.

Grey, Ernest George—A. B. Wisconsin 1907; Asst. in Anat. and Student of Med. 1907-08; R. H. O. 1911-12.—Asst. Res. Surg. Peter Bent Brigham Hosp. Boston.

Gross, Elmer Chester—B. L. Whitman Coll. 1906; Res. Phys. Seattle Gen'l Hosp. 1911-12. — Physician, Empire Bldg., Seattle, Wash.

Hammack, Roy Wallace—A. B. Univ. of Oregon 1907.—Asst. Prof. Path. and Bact. Coll. of Med. and Surg. Univ. of the Philippines, Manila.

Hartman, Clifford Clinton—S. B. and M. S. Pennsylvania Coll. 1907; Interne, St. Francis' Hosp. Pittsburgh 1911-12.—Fellow in Path. U. of Pittsburgh 1911-12; Fellow in Path. 1912-13; Asst. Path. Allegheny Gen. Hosp. 1913-14.—Asst. Staff, Allegheny Gen. Hosp. and Physician, Pittsburgh.

Hawkins, William Hall—A. B. Central Univ. of Ky. 1906; Student, Hosp. Coll. of Med. 1906-07; Interne, Bellevue Woman's and Sloan Hosps. New York 1911-15. — Surgeon, Lexington, Ky.

Hendry, Ernest Singleton—A. B. 1907; Asst. Res. Phys. Union Protestant Infirmary 1911-13.—Physician, Stonleigh Ct. Washington, D. C.

Hetfield, William Brawner—A. B. Catholic Univ. of America 1907; Interne, Brooklyn Hosp. New York, 1911-13.—Asst. Surg. U. S. N. Washington, D. C.

Hubert, Anna—A. B. Univ. of Washington 1901, and A. M. 1904; R. H. O. 1911-12; Asst. Res. Surg. N. E. Hosp. for Women and Children, Boston, 1912.—Res. Surg. N. Y. Infirmary, for Women and Children.

Hudson, William Rutledge—A. B. Washington and Lee 1906; Interne, Hosp. for Women of Maryland, Balt. 1911-13.—Physician, Huntington, W. Va.

Hunnicutt, John Atkinson, Jr.—A. B. U. of Georgia 1907; Interne, Lakeside Hosp. Cleveland, 1911-12; Asst. in Surg. 1912-13.—Surgeon, Mut. Ins. Bldg., Athens, Ga.

Hunt, Barbara — A. B. Vassar 1906; U. of Maine Summer Sch. 1907; Interne, N. Y. Infirm. for Women and Children, 1911-12. — Med. Inspect. Schools, and Physician, Bangor, Me.

Ives, George—A. B. Wisconsin 1907; Med. Student, Univs. of Chicago and Wisconsin 1907-09; Asst. State Bacteriol. Montgomery, Ala. 1911-12; Path. N. Chgo. Hosp. 1912; Asst. Prof. Path. St. Louis Univ. and Pathol. St. John's Hosp. St. Louis, 1912-15.—Physician, Wall Bldg., St. Louis.

Jacobson, Conrad—S. B. Beloit 1900; Grad. Student Chicago, three Summer Qrs. Asst. in Surg. Hunterian Lab. 1911-12.—Asst. Res. Surg. Peter Bent Brigham Hosp. Boston.

Jenison, Nancy Blanche—A. B. Wells 1898; Grad. Student Chicago, 1907.—Interne, N. Y. Infirm. for Women and Children, 1911-12.—Asst. Attend. Phys. N. Y. Infirm. and Physician, N. Y.

Judd, Charles Chauncey Winsor—A. B. Kenyon Coll. 1907; Interne, Union Protestant Infirm. Baltimore, 1911-12.—Assoc. in Clin. Pathol. Coll. P. and S. and Visit. Clin. Pathol. Mercy Hosp. Con. Path. St. Joseph's Hosp. and Physician, Baltimore.

Keith, Norman Macdonnell—A. B. Toronto 1908, and Med. Student 1906-08; Interne, New York Hosp. N. Y. 1911-13.—Assistant in Medicine.

Ketron, Lloyd Warren — A. B. Grant Univ. 1907; Asst. in Dermatol. Disp. 1911-12; Grad. Stu. Dermatol. Clinic Charité Hosp. Berlin, and U. of Vienna, 1912-13.—Asst. in Clin. Dermatol. and Asst. Disp. Phys. and Physician, Baltimore.

Keyser, Tedrow Sylvester—A. B. Wittenberg 1907; Interne, Lakeside Hosp. Cleveland, 1911-12; Interne, Bloomingdale Hosp. 1913; Interne, Phipps Psychiatric Clinic, 1913-14. — Res. Phys. Neurol. Institute, N. Y.

***Kinsey, Oliver, Jr.**—A. B. Virginia 1907, and Med. Student, 1907-09; Interne, Church Home and Infirm. Baltimore, 1911-12; Surg. U. S. Army, Ft. Washington, Md. (**Died, March 24, 1914.*)

Kissling, Arthur Charles—A. B. Wisconsin 1906, and Med. Student 1907-09; Interne, Jefferson Surgical Hosp. Roanoke, Va. 1911-12.—Asst. Laryn. and Otol. Disp. Rush Med. Coll. Chicago, and Physician, 626 Galena St., Milwaukee, Wis.

Kline, Benjamin Schoenbrun — A. B. Swarthmore 1907; Interne, City Hosp. Bayview, 1911-12; Asst. in Pathol. 1912-14; Fellow, Phys. and Pharm. Rockefeller Inst. for Med. Resch. New York 1914-15.—Instr. Path. Columbia and Path. Montefiore Home and Hosp. N. Y.

Knott, Howard James—S. B. Whitman Coll. 1907; Res. Phys. Seattle Gen. Hosp. 1911-12.—Assoc. Childn. Clin. Tuber. Div. Seattle Hlth. Dept.; Visit. Phys. City Hosp. and Physician, Seattle, Wash.

Lange, Linda Bartels—A. B. Bryn Mawr 1903.—Interne, New York Infirm. for Women and Children, 1911-12; Fellow in Pathol. Rockefeller Inst. 1912-14.—Path. The H. A. Kelly Hosp. Inc.

Leaper, Warren Eugene—A. B. Wisconsin 1908, and Student of Med. 1907-08; Interne, Rhode Island Hosp. Providence, 1911-13; Asst. Res. Gynec. Lakeside Hosp. Cleveland, 1913-14.—Visit. Phys. St. Mary's Hosp. and Brown Co. Tuber. Sanat'm; Health Officer and Physician, Green Bay, Wis.

Leonard, Veader Newton—Ph. B. Yale 1907; Student Univ. of Freiburg, 1907-08; R. H. O. and Asst. Res. Gyne. 1911-15. — Res. and Dispen. Gynecol.

Licht, William Henry — S. B. Trinity Coll. (Hartford) 1907.—House Phys. Hartford Hosp. Hartford, Conn.

Lisser, Hans—A. B. California 1907; R. H. O. 1911-12; Asst. in Med. Washington Univ. Med. Sch. St. Louis 1913-14.—Asst. in Med. U. of Calif. Med. Sch. and Physician, San Francisco.

Luten, Drew William—A. B. Kentucky State Univ. 1901; Fellow, Vanderbilt Univ. 1903-04; Interne, St. Francis' Hosp. Pittsburgh, Pa. 1911-12.—Res. Phys. Barnes Hosp. and Asst. in Med. Washg. Univ. Med. Sch. St. Louis.

MacCurdy, John Thomson — A. B. Toronto 1908, and Student of Med. 1906-08; Fellow in Pathol. 1911-12; Psychiatric Clinics, Munich and Breslau, "Histo-Path. Labs." 1912.—Asst. Psychiatric Inst. Ward's Island, N. Y. (969 Park Ave., New York.)

McNeil, Herbert Lee—A. B. Southwestern Univ. 1906; Grad. Student Univ. of Texas 1906-07; Interne, St. Agnes' Hosp. Baltimore, 1911-12; Interne, Willard Parker Hosp. (4 mos.); Phys. in chg. Floating Hosp. St. John's Guild, N. Y. (2 mos.).—Instr. in Med. and Clin. Path. Univ. Texas, Galveston.

Maas, Monroe A.—A. B. Univ. of Alabama 1907; Asst. Res. and Res. Church Home and Infirm. Baltimore, 1911-14. —Physician, Selma, Ala.

Merriam, Charles Goodwin—A. B. Yale 1907.—Surg. E. E. White Coal Co. Stotesbury, W. Va.

Miller, James Raglan—A. B. Yale 1907; Voluntarärzt, Königl. Frauenklinik, Munich, Germany, 1911-14; Visit. Obstet. Hosp. Women of Md. Instr. in Clin. Obstet. 1914-15. — Physician, Hartford, Conn.

O'Donnell, James Aloysius—A. B. Loyola 1906; Grad. Student 1906-07; Res. Gynecol. and Obstet. St. Joseph's Hosp. 1911-13.—Physician, 405 Warren Ave., Baltimore.

Perkins, Ralph Sherburne—A. B. Dartmouth 1907; Interne, Worcester City Hosp. Worcester, Mass. 1911-12. — Physician, Exeter, N. H.

Plass, Everett Dudley—A. B. Colgate 1907; R. H. O. 1911-12; Asst. in Obstet. and Asst. Res. Obstet. for 1912-14.—Asst. Res. Gynecol. Sloan Hosp. for Women, N. Y. 1913-14; Res. Obstet. 1914-15.—Instr. in Obstet. and Asst. Visit. Obstetrician.

Potter, Caryl Ashby—A. B. Missouri 1908, and Student of Med. 1907-08; House Gynecol. Roosevelt Hosp. New York, 1911-13; Prof. Prac. Med. Ensworth Med. Coll. 1913-14.—Surgeon, St. Joseph, Mo.

Prouty, Ira Humphrey—S. B. Dartmouth 1907; Interne, Thomas Wilson Sanitarium for Children (Summer, 1911).

—Visit. Phys. Childn. Island San. Salem Harbor, Mass. and Physician, Marblehead, Mass.

Rosenfeld, Arthur Samuel—A. B. Leland Stanford, Jr. 1907; Interne, Mt. Sinai Hosp. N. Y. 1911-13.—Physician, 221 Vista Ave., Portland, Ore.

Rucker, Augusta—A. B. Univ. of Texas 1896, and A. M. 1900; Med. Dept. Wisconsin, June-Oct. 1907, and May-Oct. 1908; Interne, Babies' Hosp. N. Y. 1911-12; House Phys. N. Y. Infirm. Women and Children.—Exam. Phys. State Char. Aid Assn.; Asst. Babies' Class Lying-in Hosp. and Physician, N. Y.

Rynd, Charles E.—S. B. Hamilton 1907; and M. S. 1910; Europe, 1911-12; after June 1912 Interne Kings Co. Hosp. Brooklyn, 1912-14.—Adj. Asst. Obstet. Kings Co. Hosp. and Supervis. Historian, and Physician, Brooklyn, New York.

Sawyer, Dwight Milton—Ph. B. Wesleyan (Conn.) 1906; House Phys. Nursery and Child's Hosp. N. Y. 1911-12; N. Y. Lying-in Hosp. 1912-13; St. Vincent's Hosp. N. Y. 1913-14.—Physician, Yonkers, N. Y.

Seagrave, Mabel—A. B. Wellesley 1905; Interne, N. Y. Infirmary for Women and Children 1912-13.—Attend. Firland Sanatorium; Florence Crittenden Home, and Pub. Sch. Clinic, and Physician, Seattle, Wash.

Sexton, Walter Gresham—A. B. Wisconsin 1908, and Student of Med. 1907-08; R. H. O. 1911-12; Med. Supt. The Hebrew Hosp. 1912-14. — Surgeon, Marshfield, Wis.

Sieber, Paul Rothrock—A. B. Pennsylvania Coll. 1907.—Res. Surg. St. Francis' Hosp. Pittsburgh.

Skilling, William Knepper—A. B. 1906. —Asst. Disp. Phys. and Physician, Baltimore.

Smith, Helen Willston — (Mrs. Sanger Brown), A. B. Bryn Mawr 1906; R. H. O. 1911. — Bloomingdale, White Plains, N. Y.

Snowden, Roy Ross—A. B. Washington and Jefferson 1907, and A. M. 1912; Res. Phys. City Hosp. Bayview, 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-14.—Instr. in Med. Univ. of Pittsburgh, and Physician, Pittsburgh.

Spencer, Lewis Cass—S. B. Tulane 1907; Grad. Student, Albert Ludwig Univ. Freiburg, 1908-09; Interne and Asst. Res. Surg. U. P. I. 1911-13; Asst. Surg. Hosp. Ruptured and Crippled, N. Y. 1913.—Asst. Res. Surg. and Asst. in Orthopedics.

Sponsler, Marshall Byron—A. B. Ursinus 1907; Res. Phys. St. Francis' Hosp. New York 1911-14.—Physician, 344 Willis Ave., New York.

Stevens, Alexander McCulley—A. B. St. John's 1907.—Physician, Easton.

Stewart, George Adolph—A. B. 1907; Res. Phys. and Surg. St. Agnes' Hosp. Balt. 1911-14.—Visit. Surg. and Surg. Chg. O. P. D. St. Agnes' Hosp.; Asst. Surg. O. P. D. J. H. H. and Anesthetist, Dental Dept. *ibid*, and Physician, Baltimore.

Stillman, Edgar—A. B. Leland Stanford, Jr. 1907; Interne, Bellevue Hosp. New York, 1911-13.—Asst. Res. Phys. Rockefeller Hosp. N. Y.

Vail, Thornton Edwin — Ph. B. Yale 1907.—Asst. Res. Elmcroft Sanitarium, and Physician, Thompsonville, Conn.

Walker, Clifford Black—S. B. California 1906, and Med. Student, 1906-09; M. A. J. H. U. 1912; Asst. to Dr. Cushing, 1911-12.—Senior Aural House Surg. Mass. Char. Eye and Ear Infirm. Boston.

Weese, William Joshua—S. B. and A. B. Missouri 1905, and Med. Student, 1907-09; Res. Phys. Santo Tomas Hosp. Panama City, 1911-13.—Physician, Ontario, Ore.

Wiener, Isidore Kalisch—A. B. Princeton 1907; Interne, Blackwell's Island, New York, 1911-12; Vienna, 1913.—Asst. Ear, Nose and Throat, Mt. Siani Hosp. and Physician, New York.

Wiese, Edwin Robert—A. B. Western Univ. of Penna. 1907; Student, Univ. of Berne, Switzerland, 1911-14.

Winn, Claud May—S. B. Tulane 1906, and Student of Med. 1906-07.—Chief of Laboratories, Santo Tomas Hosp. Panama City.

Wolfsohn, Julian Mast—S. B. California 1905, and M. S. 1907; R. H. O. 1911-12.—Instr. in Neurol. Med. Dept. Leland Stanford, Jr. Univ. Visit. Neurol. San Francisco Hosp. and Physician, San Francisco, Calif.

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de Angulo, Jaime—B. ès Lett. Univ. of Paris, 1902; Cooper. Med. Coll. 1906-07; Eugenics Record Office, 1912-13.—Grad. Student, Stanford Univ. (*Degree granted January* 8, 1912.)

Cox, George Washington—S. B. Chicago 1907.—Interne, Hartford, Hosp. Hartford, Conn. (*Degree granted January* 8, 1912.)

McAliley, Robert George—S. B. Davidson 1904; Med. Student, Univ. of Md. 1907-08; Interne, R. I. Hosp. Providence, 1911-13.—House Officer, The Babies' Hosp. N. Y. (*Degree granted January* 8, 1912.)

Morgan, Ernest Luther — S. B. Wake Forest 1907; Med. Student, *ibid.* 1905-07; Interne, Providence Hosp. Washington, D. C. (Jan.-Oct. '12).—Asst. in Anat. Georgetown Med. Sch. and Physician, Washington, D. C. (*Degree granted January* 8, 1912.)

(89)

Class Secretary—Arthur L. Bloomfield, Johns Hopkins Hospital.

1912

Andrews, Clarence Ladelle—S. B. Louisiana State 1908; Univ. of Strassburg, Germany, 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-13; Prof. Anat. Univ. of Mississippi, and Phys. Oxford, 1913-14.—Physician, 1801 Pacific Ave., Atlantic City, N. J.

Bartlett, Edwin I.—A. B. Washington State 1908; Univ. of Strassburg, 1909; Interne, St. Agnes' Hosp. 1912-13.—Physician, Edmondson and 1st Aves., Baltimore.

Beard, Joseph Howard—A. B. St. John's 1902, and A. M. 1912.—Instr. Physiol. Med. Exam. Civil Service Employees, Univ. of Illinois, and Physician, Urbana.

***Bigelow, Jane Elizabeth**—A. B. Butler 1907. (*Died, March* 11, 1913.)

Bowers, Charles Albert—S. B. West Virginia 1908.—Asst. Res. Surg. Lakeside Hosp. Cleveland.

Bridgman, Eveleth Wilson—A. B. 1908; Med. and Pathol. Interne, Ancon Hosp. C. Z. Summers of 1910 and 1911; R. H. O. 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-15.—Instr. and Asst. Res. in Chg. Heart Sta.

Brown, Cyrus Cathey—A. B. Arkansas 1908; Anaesthetist, St. Francis' Hosp. Pittsburgh, 1912-14. — Asst. Supt. Lakeside Hosp. Cleveland, O.

Butsch, John Louis—S. B. Purdue 1906, and M. S. 1914.—Assoc. Prof. Pharm. Univ of Buffalo, and Clin. Asst. in Surg. Buffalo Gen'l Hosp. Buffalo, N. Y.

Cary, Raymond John—S. B. Iowa 1906; Chicago, Summer session, 1904 and 1905; Med. Student, Western Reserve, 1908-10; Res. Phys. St. Francis' Hosp. Pittsburgh, 1912-13. — Res. Phys. Tuber. League Hosp. Pittsburgh.

Chaffee, Burns Stoddard—A. B. Leland Stanford, Jr. 1908.—Resident Surgeon, U. P. Infirmary.

Chesney, Alan Mason—A. B. 1908; R. H. O. 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-14.—Asst. Res. Hosp. Rockefeller Inst. N. Y.

Cohen, Jacob—A. B. 1908.—Interne, City Hospital, Bayview.

Dabney, Marye Yeamans—Ph. B. Chicago 1908; Interne, R. I. Hosp. Providence, 1912-13; 1st Asst. Gynecol. Lakeside Hosp. Cleveland, 1913-14; Res. H. A. Kelly Hosp. 1914-15.—Surgeon, 1231 S. 19th St., Birmingham, Ala.

Davis, Edwin Greene—A. M. Nebraska 1909, and Med. Student, 1908-10.—Interne, Union Protestant Infirmary.

***Dumm, William Milton**—S. B. Ohio Wesleyan 1908; R. H. O. 1912-13; Asst. Res. Gyne. 1914-15. (**Drowned, July* 12, 1915.)

Edgerton, Milton Thomas, Jr. — A. B. Georgia 1908; Interne, City Hosp. Bayview, 1912-13; Prof. Path. and Bact. U. of Miss. Oxford, 1913-14; Interne, Bellevue Hosp. 1914-15.—Health Officer, Pitt Co. Greenville, N. C.

Fisher, Roland Frederick—S. B. Wisconsin 1909, and Med. Student, 1907-09; Asst. Res. Surg. Washington Univ. Hosp. St. Louis, 1913-14; Asst. in Surg. Washington Univ. Med. Sch. St. Louis 1914-15.—Res. Surg. Barnard Skin and Cancer Hosp. St. Louis.

Fleming, Mary Randolph—A. M. Randolph-Macon Woman's Coll. 1902; Interne, Hardman Sanatorium, Commerce, Ga. 1912-13; Pathol. Bismarck Hosp. N. D. 1913-14.—Phys. in Chg. Whipple Hosp. for Women, Tabriz, Persia.

Foote, Ovid Clemmons—A. B. Wake Forest 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-13.—Asst. Surg. U. S. S. "Illinois," Phila.

Frantz, Winter Reginald—S. B. West Virginia 1908; House Gyne. Bellevue Hosp. N. Y. 1912-14.—Asst. Res. Willard Parker Hosp. N. Y.

Fricke, Willa May—A. B. Barnard, 1906; 2½ years Med. Coll. and Hosp. for Women and Children, 1906-09; Externe in Obstet. 1912-13; Dispen. Obstet. Asst. Res. Obstetrician and Asst. in Obstetrics 1913-15.—Fellowship in Bact. Mayo Clinic, Rochester, Minn.

Gammon, Julian Eugene—S. B. Florida 1908; Interne, St. Agnes' Hosp. (to December, 1912); Res. Phys. Lakeside Hosp. Cleveland, 1913-14.—Physician, Jacksonville, Fla.

Gibbes, James Heyward—A. B. and S. B. South Carolina 1908; Asst. Res. Phys. 1912-13.—Physician, Columbia, S. C.

Gills, William Lee — A. B. Randolph-Macon 1905.—Interne, Hartford Hosp. Connecticut.

Glass, Frederick Akin — A. B. Central (Ky.) 1908. — Res. Gyne. Lakeside Hosp. Cleveland.

Goodpasture, Ernest William — A. B. Vanderbilt 1907; Rockefeller Fellow in Pathol. J. H. U. and Pathol. to U. P. I. 1913-14; Act. Res. Pathol. and Instr. in Pathol. 1914-15.—Res. Path. Peter Bent Brigham Hosp. and Instr. Pathol. Harvard Med. Sch. Boston.

Hall, Roscoe Willis—Ph. B. Dickinson 1908; Interne, City Hosp. Bayview, 1912-13.—Res. and Asst. Disp. Psychiatrist.

Holmes, James B.—A. B. and A. M. Virginia 1910, and Med. Student, 1908-09; Med. Student, Göttingen, Summer, 1911; Asst. Phys. Eudowood Sanatorium, 1912-13; Asst. Dispen. Phys. Asst. in Pediatrics 1913-15.—Pediatrist, The Severn, Baltimore.

Hurwitz, Samuel Haymann—A. B. Harvard, 1907, and A. M. 1908; Univ. of Strassburg, 1909; Special Student, Inst. Infect. Diseases, Berlin, Summer, 1911; R. H. O. 1912-13; House Officer, Peter Bent Brigham Hosp. Boston 1913-15.—Instr. Resch. Med. Hooper Found'n Med. Resch. U. of Calif. San Francisco.

Jeidell, Helmina—A. B. Barnard 1908; Special Student, Pasteur Inst. Paris, Summer, 1909; R. H. O. 1912-13; Asst. Res. Obstetrician, Sept. 1 to Jan. 1, 1914.—Sun Dance, Wyo.

Kocher, Rudolph Alfred—A. B. Leland Stanford, Jr. 1908; Student of Med. Leipzig, 1909-10; Vol. Asst. 2d Med. Clin. Univ. of Munich, 1912-13; Student in Chem. *ibid.* 1913.—U. of Calif. San Francisco.

Loos, Henry Hoffman—A. B. 1908.—Res. Surg. St. Agnes' Hosp.

Lough, Walter Gay—S. B. West Virginia 1908.—Res. Phys. and Instr. Med. N. Y. Post-Grad. Hosp. and Med. Sch. New York.

Lowsley, Oswald Swinney—A. B. Leland Stanford, Jr. 1908; Res. Surg. Bellevue Hosp. N. Y. 1913-15.—Clin. Asst. Urol. N. Y. P. G. Hosp. and Med. Sch.; and O P. D. Bellevue Hosp. and Surg. N. Y.

McAllister, Harvey Ross—A. B. Penna. Coll. 1908.—Interne, Jefferson Surg. Hosp. Roanoke, Va.

McClure, William Bradbury — S. B. Penna. Coll. 1908; R. H. O. 1912-13. —Res. Phys. Child'n Mem. Hosp. Fellow, Sprague Mem. Inst. and Asst. in Med. Rush Med. Coll. Chicago.

McCulloch, Hugh—A. B. Arkansas 1908. —Res. Phys. Barnes Hosp. and Asst. in Med. Washington Univ. St. Louis.

Millea, William Lawrence—A. B. Clark 1908; R. H. O. 1912-13.—Res. Obstet. and Instr. in Obstetrics.

Miller, Edgar Allen—S. B. Penna. Coll. 1908; Interne, St. Francis' Hosp. Pittsburgh 1912-13. — Physician, E. Berlin, Pa.

Miller, Knox Emerson—A. B. William Jewell 1908.—Asst. Surg. U. S. P. H. S. Washington, D. C.

Mills, Nathaniel—A. B. Williams 1908; Interne, St. Francis' Hosp. New York, 1912-14; Interne, Foundling Hosp. N. Y. 1914-15.—Physician, Mt. Vernon, N. Y.

Morriss, William Haviland—A. B. Haverford 1908; R. H. O. 1912-13; Res. Surg. Hosp. for Women of Maryland 1913-15.—Amer. Red Cross, La Panne, Belgium.

Neill, William, Jr.—A. B. St. John's 1908; Res. Phys. and Surg. Church Home and Infirmary 1912-15.—Assoc. Kelly Sanitarium, Baltimore.

Nichols, Ralph Wilbur — Ph. B. Yale 1908; Interne, Boston Floating Hosp. Summer, 1912; after October 1st, Sr. Interne, New Haven Hosp. Conn. 1912-13.—Asst. in Pathol. Yale Med. Sch. and Physician, Montowese, Conn.

Pearce, Louise—A. B. Leland Stanford, Jr. 1907; Boston Univ. Sch. of Med. 1907-09; R. H. O. 1912-13; House Phys. Phipps Psychiatric Clinic; Resch. Fellow, Pathol. Rockefeller Inst. for Med. Research, N. Y. 1913-15.—Assistant, *ibid.*

Pelton, Charles Hamlin—A. B. Trinity (Conn.) 1905; Int. Albany Hosp. 1912; Res. State Hosp. Scranton, Pa. 1913; Interne, Essex Co. Isolation Hosp. Belleville, N. J. 1913-14; Interne, Lucas Co. Hosp. Toledo, O. 1914.—Asst. to Supt. City and Co. Hosp. and Physician, St. Paul, Minn.

Pincoffs, Maurice Charles, Jr. — S. B. Chicago 1909; Rush Med. Coll. 1906-09; Grad. Sch. 1909-10; Interne, Presbyterian Hosp. Chicago, 1912-13; Res. City Hosp. Bayview, 1913-15.—Physician, Baltimore.

Post, Martin Hayward, Jr.—A. B. Amherst 1908; Interne, City Hosp. St. Louis, 1912-13.—Physician, Metropol. Bldg., St. Louis, Mo.

Rand, Carl Wheeler — A. B. Williams 1908, and A. M. 1909; R. H. O. 1912-13; Asst. Surg. Peter Bent Brigham Hosp. Boston 1914-15.—House Surg. Mercy Hosp. Chicago.

Reid, Charles Dwight, Jr.—A. B. Williams 1908; Interne in Surg. German Hosp. New York 1913-15.—Physician, N. Y. C.

Reid, Mont Rogers — A. B. Roanoke 1908; R. H. O. 1912-13; Asst. Res. Path. 1913-14.—Asst. Res. Surg. and Instr. in Surgery.

Reynolds, Harold Irwin—A. B. Georgia 1908; Interne, Woman's Hosp. of Maryland 1913-15. — Physician, Sthn. Mut. Bldg., Athens, Ga.

Rohde, Max Spencer — S. B. Chicago 1908; Interne, Kansas City Gen'l Hosp. Mo. 1912-13.—Asst. Surgeon, Bellevue Hosp. N. Y.

Sarason, Peter Benjamin—A. B. Yale 1909, and Med. Student, 1907-09; R. H. O. 1912-13.—Interne, Jewish Hosp. Brooklyn, N. Y.

Schmeisser, Henry Christian — A. B. 1908; Fellow and Asst. in Pathol. 1912-15, and Ph. D. 1914.—Instr. in Pathol.

Schultz, Raymond Louis—S. B. Wisconsin 1908, and Med. Student, 1908-10; Interne, Milwaukee Co. Hosp. Wis. 1912-13; Res. Phys. Lucas Co. Hosp. Toledo, O. 1913-14.—Interne, Roosevelt Hosp. N. Y.

Sears, Nathan P. — Ph. B. Syracuse 1908; Interne, Church Home and Infirm. Baltimore, 1912-13; Interne, Lakeside Hosp. Cleveland, 1914-15.—Asst. Surg. Hosp. Women and Child'n, and Physician, Syracuse, N. Y.

Sellman, Reginald Oliver—A. B. 1908; Res. Phys. Biedler-Sellman Sanitarium, Baltimore, 1912-15.—Physician, 2018 W. North Ave., Baltimore.

Shale, Rolla J.—A. B. Oberlin 1908; Res. Phys. Wilkes-Barre Hosp. Pa. 1912-13; Res. Phys. Eddy Road Hosp. Cleveland, 1913-14.—Res. Phys. St. Luke's Hosp. Cleveland.

Simpson, Ellery DeWitt—A. B. Western Maryland 1908; Interne, St. Luke's Hosp. St. Paul, Minn. 1912-13.—Surgical Pathol. Mayo Clinic, Rochester, Minn.

Sisson, Warren Richards—A. B. Colgate 1906; Student of Med. Univ. of München, Winter semester, 1910-11, and Univ. Heidelberg, Summer session, 1911; House Officer, Mass. Gen. Hosp. 1912-13; House Officer and Res. Path. Peter Bent Brigham Hosp.; Instr. in Pathol. Harvard Med. Sch. Boston, 1913-15.—Instr. in Pediatrics.

Slack, Harry Richmond, Jr. — A. B. Georgia 1908.—Asst. Res. Surg. Asst. Dispen. Laryn. and Asst. in Laryn.

Starr, Trammell—A. B. Emory 1908; Interne, City Hosp. Bayview, 1912-13.—Asst. Res. Phys. Church Home and Infirmary, Baltimore.

Stearns, Thornton—A. B. Davidson 1906; Surg. and Ortho. House Officer, Mass. Gen'l Hosp. Boston, 1912-14; Asst. Res. Pathol. and Asst. in Pathol 1914-15.—Asst. in Surg. and Res. Surg. U. of Calif. Hosp. San Francisco.

Stevenson, Holland Newton, 2nd—Ph. B. Yale 1908; Instr. in Pathol. 1912-13.—Asst. Cancer Resch. Columbia Univ. New York.

Strauss, Abraham—A. B. Harvard 1909. House Surg. Mt. Siani Hosp. New York, 1912-14. — Physician, Osborn Bldg., Cleveland, O.

Streett, David Corbin—A. B. 1908; R. H. O. 1912-13; Asst. Phys. in Chg. Disp. Lab. 1913-14.—Asst. Res. Phys. and Asst. in Medicine.

Sundwall, John—S. B. Chicago 1903; Ph. D. 1906, and Med. Student, 1906-08; U. S. Public Health and Marine Hosp. Service, Washington, D. C. 1912.—Prof. Anat. Univ. of Kansas, Lawrence.

Wahl, Harry Roswell—A. B. Wisconsin 1908, and A. M. 1910, and Med. Student, 1908-10.—Asst. Visit. Pathol. Lakeside Hosp. and Assoc. in Pathol. West. Reserve Univ. Cleveland.

Walters, Arthur L.—S. B. Purdue 1904; Interne, City Hosp. Providence, R. I. (Summer, 1912); Interne, Harriet Lane Home, J. H. H. 1912-13.—Asst. Dir. Scientific Lab's, Eli Lilly & Co., Indianapolis, Ind.

Watt, Charles Hansell—S. B. Davidson 1906; R. H. O. 1912-13; Asst. Res. Surg. 1913-15.—Asst. and House Gynecol. Roosevelt Hosp. New York.

Weakley, Adriel Clark—A. B. Georgetown (Ky.) 1908; Interne, Brooklyn Hosp. N. Y. 1912-14. — Physician, Shelbyville, Ky.

Weed, Lewis Hill—A. B. Yale 1908, and A. M. 1909; Arthur Tracy Cabot Fellow in Chg. Lab. Surg. Research, Harvard, 1912-14; Instr. in Anat. 1914-15.—Assoc. in Anat.

Wegeforth, Paul—A. B. 1908; Student of Medicine, Strassburg and Berlin, 1909-11; Interne Brigham Hosp. Boston, 1913-14.—Physician, 322 Granger Bldg., San Diego, Cal.

Wells, Donald Breckenridge—A. B. Yale 1907; City Hosp. Providence, R. I. (Summer of 1912); Interne, St. Luke's Hospital, N. Y. 1912-15.—Surgeon, 2 Garden St., Hartford, Conn.

Williams, Alexander Watson—A. B. Harvard 1908; Interne, Union Protestant Infirmary, 1912-13.—1st Lieut. Med. Corps, U. S. A. Philippine Islands.

Williams, Francis Thomas—A. B. 1908; Interne, Providence Hosp. Washington, D. C. 1912-14.—Hygienic Lab. Washington, D. C.

Wolf, Eleanor Bittinger—A. B. Goucher 1908; R. H. O. 1912-13; House Phys. N. Y. Infirm. for Women and Children, N. Y. 1913-14; Asst. Phys. Chg. A. E. L. M. Hosp. Guntur, Madras Pres. India.

Wolff, George Baney — A. B. Ursinus 1908; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson.—Asst. Disp. Psychiatrist.

Wood, James Augustus—A. B. Southern 1907; Univ. of Ala. Summer, 1906; Interne, City Hosp. Providence, R. I. Summer, 1912; Res. Phys. N. Y. Foundling Hosp. 1912-13; Res. Phys. Seaside Hosp. St. John's Guild, New Dorp, S. I. N. Y. 1914; Chldn. Med. Officer, Mass. Gen'l Hosp. Boston, 1915.—Physician, Yankton, S. D.

Woodward, Harold Burton—S. B. Wesleyan (Conn.) 1908; Interne, City Hosp. Waterbury, Conn. 1912-13.—Con. Phys. Waterbury Hosp. and Physician, Terryville, Conn. (81)

Class Secretary—Alan M. Chesney, Rockefeller Inst. for Med. Resch. New York.

1913

Allen, Arthur Wilburn—A. B. Georgetown (Ky.) 1909.—Res. Surg. Mass. Gen'l Hosp. Boston.

***Anderson, David Ballantyne**—S. B. Chicago 1910; Med. Student, Rush, 1908-10; Res. Phys. Garrett Hosp.

for Children, Summer, 1913.—Interne, Mt. Siani Hosp. N. Y. (**Died, May* 28, 1915.)

Bornscheuer, Albert Adam—S. B. Washington and Jefferson 1909.—Asst. Gynecol. Allegheny Gen'l Hosp. Pittsburgh.

Bronson, Edith—A. B. Syracuse Univ. 1909, and Med. Dept. 1909-10; House Phys. Children's Hosp. San Francisco, 1913-14; House Phys. N. Y. City Hosp. Randall's Is. 1914-15. — Res. Phys. Royal Hosp. Sick Chldn. Edinburgh, Scotland.

Cameron, Don Franklin—A. B. Indiana 1907; A. M. Chicago 1909, and Med. Dept. 1909-11; Interne, St. Luke's Hosp. Chicago 1913-14.—Asst. Disp. Urol. Brady Institute.

Canter, Noland Mackenzie—A. B. Randolph-Macon 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1913-14.—Res. Phys. Children's Hosp. Sch. Baltimore.

Carlisle, Wilbur Glenn—A. B. Ohio Wesleyan 1909; Summer Qr. Chicago, 1909; R. H. O. 1913-14.—Physician, Bucyrus, O.

Cave, Henry Wisdom — A. B. Central (Ky.) 1909; R. H. O. 1913-14; Asst. in Surg. Asst. Res. Surg. 1914-15.—Res. Roosevelt Hosp. N. Y.

Cecil, Howard Lee — A. B. St. John's (Annapolis) 1908; R. H. O. 1913-14.—Asst. Disp. Urol. Brady Institute.

Chunn, George Davies—S. B. Arkansas 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va.—1st Lieut. Med. Corps, Army Med. Sch. Washington, D. C.

Clarke, Helen Dorothy (Mrs. E. J. Kempf); A. B. Vassar 1909; R. H. O. 1913-14.—Washington, D. C.

Cook, Robert Jay—A. B. Iowa State 1909.—Interne, German Hosp. N. Y.

Corner, George Washington—A. B. 1909; Asst. in Anat. 1913-14; R. H. O. 1914-15.—Asst. Prof. Anat. U. of Calif. Berkeley.

Darrow, Kent Edward—S. B. N. Dak. Agricul. 1909; Interne, City Hosp. Seattle, Wash. 1913-14; Surg. S. S. "Minnesota" 1914-15.—Phys. and Surg. Fargo, N. D.

Davis, Daniel—A. B. Harvard 1909.—Interne, Ancon Hosp. Panama, Summer, 1913; Asst. in Physiol. 1913-14.—Asst. Res. and Asst. in Obstet.

Davis, Thomas Kirby—A. B. Wabash 1909; Med. Student, Cornell, 1909-10.—Interne, Manhattan State Hosp. N. Y. after Jan. 1, 1914, Interne, New York Hosp. N. Y.

Dignan, Howard Henry—S. B. California 1910, and Med. Student, 1909-10; House Phys. German Hosp. Phila. 1913-15.—U. S. P. H. Hosp. San Francisco.

Dwyer, William—S. B. Trinity (Conn.) 1909; Interne, Hartford Hosp. Conn. 1913-14.—Physician, Hartford, Conn.

Elkin, Cortlandt Whitehead Wilson—A. B. Allegheny 1909.—Asst. in Med. Allegheny Gen'l Hosp. and Physician Pittsburgh.

Fishbaugh, Ernest Clyde—A. B. Indiana 1910, Fellow, 1910-11, and A. M. 1911; Med. Student, 1909-11; R. H. O. 1913-14.—Physician, 526 S. Serrano St., Los Angeles, Cal.

Flack, Roswell Elmore — A. B. Wake Forest 1901; Deputy Co. Health Officer, Spray, N. C. 1913-15.—Prof. Path. and Bact. Wake Forest Coll. N. C.

Gates, Frederick Lamont—A. B. Yale 1909.—Asst. Rockefeller Institute for Med. Resch. N. Y.

Gerdine, Linton—S. B. Georgia 1909; Interne, City Hosp. Bayview, 1913-14; Interne, Children's Mem. Hosp. Chicago, 1914-15.—Asst. Res. Pediat. U. of Calif. Hosp. San Francisco.

Graham, Clarence Flack—A. B. Yale 1909.—House Officer, R. I. Hosp. Providence.

Hagan, Herbert Hart—A. B. Georgetown (Ky.) 1908.—Asst. Res. Surg. Washington Univ. Hosp. and Barnes Hosp. St. Louis, 1914-15.—Asst. Res. Surg. Barnes Hosp. and St. Louis Children's Hosp. St. Louis.

Heymann, Isaac Picard—S. B. Louisiana State 1909; Ship Surg. Leyland Line, New Orleans and London, Summer 1913.—Interne, Brooklyn Hosp.

Hinton, Charles Crawford—Ph. B. Emory 1909; Interne, City Hosp. Bayview, 1913-14; Res. Phys. Telfair Hosp. for Women, Savannah, Ga. 1914-15.—Chf. O. P. D. Clin. Emory Univ. Atlanta.

Holmes, Walter Richard, Jr.—A. B. Georgia 1909; R. H. O. 1913-14.—Asst. Res. and Dispen. Gynecol.

Horrax, Gilbert—A. B. Williams 1909.—Arthur Tracy Cabot Fellow, Surg. Resch. Lab. Harvard.

Howard, Lee—A. B. Mercer 1909; Asst. to Laryngol. 1913-14. — Physician, Waycross, Ga.

Huddleson, James Howard, Jr.—A. B. Princeton 1909; Interne, Manhattan State Hosp. 1913-14.—Interne, N. Y. Hosp. N. Y.

Hume, Edgar Erskine—A. B. Central (Ky.) 1908, Fellow, 1908-09, and A. M. 1909. Vol. Asst. in Neurol. 1913-14; Summer Semester, Munich, 1914.—Asst. Clin. Nerv. Diseases, U. of Rome.

Hutchins, Amos Francis — A. B. St. John's (Annapolis) 1908; Interne, Union Protestant Infirm. 1913-14.—Res. Gyne. Lakeside Hosp. Cleveland, Ohio.

Jelks, Edward — A. B. Mercer, 1909; Res. House Officer, 1913-14; Asst. in Pathol. 1914-15. — Surgeon, Jacksonville, Fla.

Kieffer, Richard Fulton—A. B. Franklin and Marshall 1907.—Asst. Res. Phys. Union Protestant Infirm. Baltimore.

Kolmer, George August Leonard—A. B. Roanoke 1907, and A. M. 1909.—Dist. Inspector, Va. State Board of Health, Richmond.

Kraus, Walter Max — A. B. Harvard 1910; A. M. Columbia 1914.—Interne, Bellevue Hosp. N. Y.

Laubach, Charles Adam—S. B. Muhlenberg 1909.—Instr. in Hygiene.

Levy, Robert Louis—A. B. Yale 1909; R. H. O. 1913-14.—Asst. Res. Phys. and Asst. in Medicine.

Lyman, John Cushman—S. B. Whitman 1909; Interne, Union Protestant Infirm. Baltimore, 1913-14.—Res. Physician, Hebrew Hosp.

McKee, William Clifford—S. B. Pomona 1908; House Officer, Calif. Hosp. Los Angeles, 1913-14. — Physician, Los Angeles, Cal.

Michael, William Howard—A. B. 1909; Phys. Santo Tomas Hosp. Panama, R. de P. 1913-14.—Asst. Surg. U. S. N. U. S. S. "Illinois," Philadelphia.

Minsk, Louis D.—A. B. Yale 1910, and Med. Dept. 1909-10; R. H. O. 1913-14.—Asst. to Dr. Knox.

Moore, Chalmers Hale—A. B. Washington and Lee 1909.—Gyne. Hillman and Univ. Hosps. and Physician, Birmingham, Ala.

Morton, John Jamieson, Jr.—A. B. Amherst 1907; House Officer Peter Bent Brigham Hosp. Boston, 1913-14.—Fellow, Pathol. Rockefeller Inst. N. Y.

Munn, Aristine Pixley — A. B. Bryn Mawr 1909.—Clin. Asst. N. Y. Univ. and Bellevue Med. Coll. N. Y.

Nesbit, William Edward—A. B. Arkansan 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1913-14. — Interne, City Hosp. Bayview.

Newkirk, Merle Cornelius—Ph. B. Syracuse 1909; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1913-14.—Physician, Sherman, N. Y.

Newman, Harold Hastings—A. B. Randolph-Macon 1909; Interne, Garfield Mem. Hosp. Washington, D. C. 1913-14.—Asst. Whitehead-Stokes Sanatorium, and Physician, Salisbury, N. C.

Ogburn, Herbert Hammond—S. B. West Lafayette 1908; Med. Student, N. C. 1908-09.—Surgeon, Greensboro, N. C.

Olmsted, William Harwood—S. B. Coe 1909.—Asst. in Med. Wash. Univ.; Asst. Res. Barnes Hosp. St. Louis, Mo.

Paschal, Frank Lafayette—A. B. Texas 1909; Summer Qr. Chicago 1908.—Interne, Post-Graduate Hosp. N. Y.

Post, Lawrence Tyler—A. B. Yale 1909; R. H. O. 1913-14.—Asst. Surg. So. Balt. Eye, Ear and Throat Hosp. and Surgeon, Baltimore.

Powers, Grover Francis—S. B. Purdue 1908; R. H. O. 1913-14.—Asst. Res. Pediatrician and Asst. Disp. Physician.

Reddish, William Dandridge—A. B. Ky. State 1909.—Interne, R. I. Hosp. Providence.

Richardson, Maurice Leonard—S. B. Wisconsin 1910, and M. S. 1911; Med. Student, 1909-11. Interne, City Hosp. Bayview 1913-14.—Res. Path. Lakeside Hosp. and Resch. Fellow in Path. West. Reserve Univ. Cleveland.

Scott, Augusta Ruby—Ph. B. Chicago 1905; Univs. of Zürich and Freiburg 1907-10; Interne, Infirmary for Women and Children, New York, 1913-14.—Interne, Phipps Psychia. Clinic, 1914-15.—Asst. Res. Physician, *ibid.*

Shaw, Austin—S. B. Colby 1909—House Officer, City Hosp. Seattle, Wash. 1913-14.—Physician, Anacortes, Wash.

Shaw, Henry Newton—A. B. Princeton 1907; R. H. O. 1913-14; Interne, U. P. I. 1914-15.—Asst. Res. Gynecol.

Smith, Frederick Janney—A. B. 1909; R. H. O. 1913-14.—Asst. Res. Physician and Asst. in Medicine.

Spencer, Roscoe Roy—A. B. Richmond 1909; Interne, City Hosp. Bayview, 1913-14.—Asst. Surg. U. S. P. H. Service, Washington, D. C.

Stetler, Pearlie Mae—A. B. Wisconsin 1911, and Med. Student, 1909-11.—Asst. to Dr. Van Hoosen, Mary Thompson Hosp. Chicago.

Stewers, James Evans—A. B. Missouri 1910, and A. M. 1911; Med. Student, 1909-11; Interne, St. Agnes' Hosp. Baltimore, 1913-14. — House Phys. Royal Victoria Hosp. Montreal, Can. Amer. Red Cross, Paignton, England.

Thompson, Charles Baker—A. B. Haverford 1909; House Officer, Peter Bent Brigham Hosp. Boston, 1913-14.—Asst. Res. and Disp. Psychiatrist.

Todd, Martillus Hollis — A. B. 1909; R. H. O. 1913-14.—Amer. Red Cross, Pau, France.

Trask, Leo Stewart—S. B. Colby 1909; House Officer, City Hosp. Seattle, Wash. 1913-14.—Physician, Burlington, Wash.

Trudeau, Francis Berger — A. B. Yale 1909; Interne, Bellevue Hosp. N. Y. 1913-14. — Physician, Saranac Lake, N. Y.

Turner, Joseph Richard, Jr.—S. B. Whitworth 1909; R. H. O. 1913-14.—Fellow, Path. Rockefeller Inst. N. Y.

Wagenhals, Franklin Clark—A. B. Ohio State 1907, and Grad. Student 1907-08.—Interne, Bellevue Hosp. N. Y.

Watson, Ernest Milton—Ph. B. Brown 1907, and A. M. 1909.—House Officer, Mass. Gen'l Hosp. Boston.

Watters, Ethel Madelaine—A. B. Stanford 1909, and Med. Dept. 1908-10. —House Phys. Children's Hosp. San Francisco.

Weems, Benjamin Francis, Jr.—A. B. 1909; Med. Student Univs. of Berlin and Freiburg 1910-11.—House Officer, Bellevue Hosp. N. Y.

Williams, Norman Harris—Ph. B. Brown 1909.—Interne, Bellevue Hosp. N. Y.

Wittich, Frederick William—A. B. Pa. Coll. 1908, and A. M. 1911.—Asst. Phys. Minnewaska San. Gravenhurst, Ont. 1913; In Chg. Lab. North Chicago Hosp. 1913; Asst. Phys. King Edward San. Kamloops, B. C. 1914; Asst. Phys. and Bacteriol. Public Hosp. for Insane, New Westminster, B. C. 1914; Supt. Pokegama San. Pokegama, Minn.

Young, William Walter — A. B. Randolph-Macon 1909; House Officer, Peter Bent Brigham Hosp. Boston, 1913-14; R. H. O. 1914-15.—Instr. Clin. Med. Emory Univ. and Physician, Atlanta, Ga.

Zimmerman, Jacob Landis—A. B. Franklin and Marshall 1909.—Interne, St. Vincent's Hosp. N. Y.

Watkins, Samuel Shelton—A. B. Central (Ky.) 1908, and A. M. 1909; Interne, Church Home and Infirm. Jan.-Apr. 1914; Asst. Supt. Peter Bent Brigham Hosp. Boston, May '14-Jan. '15.—Asst. in Clin. Laryngol. (*Degree granted February* 22, 1914.)

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Class Secretary—Geo. W. Corner, Univ. of California, Berkeley.

1914

Batten, Grover A.—A. B. Washington and Lee 1908; R. H. O. 1914-15.—Physician, Honolulu, H. T.

Bayne-Jones, Stanhope — A. B. Yale 1910; Med. Student, Tulane 1910-11; Summer Qr. Chicago 1911; R. H. O. 1914-15.—Rockefeller Fellow in Path. and Asst. Res. Path.

Belt, Mabel — A. B. Goucher 1910; Interne, Hosp. Women of Maryland 1914-15.—House Phys. N. Y. Infirm. for Women and Children.

Bettman, Ralph Boerne — A. B. Williams 1910.—Interne, Michael Reese Hosp. Chicago.

Boehm, Julius Benjamin — S. B. St. Louis 1910. — Interne, Peter Bent Brigham Hosp. Boston.

Bogle, Kate Breckenridge—A. B. Goucher 1909; Interne, Garfield Mem. Hosp. Washington, D. C. 1914-15.—Interne, Gov. Hosp. Insane, Washington, D. C.

duBray, Ernest Speers—A. B. Cincinnati 1910; Interne, City Hosp. Boston, 1914-15.—Asst. Res. Phys.

Brush, Nathaniel Hawley—A. B. 1909; Interne, Phipps Psychiatric Clinic 1914-15.—Asst. Res. Private Wards.

Carroll, Francis Patrick — S. B. Trinity (Ct.) 1911; Interne, St. Agnes' Hosp. 1914-15.—Res. Surg. Bridgeport City Hosp. Conn.

Carter, David Wendel, Jr.—A. B. Southwestern 1909, and A. M. 1910.—Interne, Clifton Springs Sanitarium, N. Y. (Summer, 1914); Interne, Peter Bent Brigham Hospital, Boston.

Child, Dorothy—A. B. Bryn Mawr 1910. —Interne, Babies' Hosp. Oceanic, N. J. Summer, 1914; Interne, Woman's Hosp. Philadelphia 1914-15.—Physician, 5023 McKean Ave., Phila.

Clark, Mildred—A. B. Wellesley 1910; R. H. O. 1914-15.—Asst. Res. Phys. and Asst. in Med.

Colwell, Howard Spencer—S. B. Colgate 1910.—House Officer, Mass. Gen'l Hospital, Boston.

Connor, Charles Edward — A. B. and A. M. Indiana 1910 and 1912, and Med. Dept. 1908-10.—Interne, R. I. Hosp. Providence.

Crawford, Robert Hope—S. B. Davidson 1910.—Interne, Union Protestant Infirmary.

Davis, Isaac—A. B. Harvard 1910.—Interne, St. Francis' Hosp. Pittsburgh.

Dodson, Ralph Moore — A. B. Oregon 1910.—Interne, Bellevue Hosp. N. Y.

Donaldson, John Calvert—Ph. B. Yale 1910; Interne, Phipps Psychiatric Clinic 1914-15.

Dornblaser, Harry Bright—A. B. Wittenberg 1907, and A. M. 1910; Interne, Hosp. Women of Maryland 1914-15.—Res. E. Steele Magee Hosp. Pittsburgh.

Downs, Chester Arthur—A. B. Oregon 1910; Med. Student Harvard 1910-11. —Interne, Hartford Hosp. Conn.

Ducasse, Edmond Frederic—A. B. Washington 1910.—Interne, City Hosp. Boston, Europe.

Duffy, William Core—A. B. Wake Forest 1910; Interne, City Hosp. Bayview 1914-15; Act. Asst. Surg. Path. Mayo Clinic, Rochester, Minn. to Oct. 1915.—Asst. in Pathol.

Duncan, John Baxter — A. B. Mercer 1910; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1914-15.—Interne, M. E. Hosp. Brooklyn, N. Y.

Dunn, George R.—Ph. B. Hamline 1910. R. H. O. 1914-15.—Asst. Res. Surg.

Eaton, Avis Chippewa—A. B. Wellesley 1909.—Interne, Hosp. for Children and Tr. Sch. for Nurses and Alex. Maternity Cottage, San Francisco.

Emrick, Marion W.—Ph. B. Franklin and Marshall 1910; Res. Phys. Lancaster Gen'l Hosp. Lancaster, Pa. 1914-15.—Physician, Harrisburg, Pa.

Englar, Thomas Shepherd—A. B. Western Maryland 1910; Med. Student Wisconsin 1910-11.—Res. Phys. Kansas City Gen'l Hosp. Kansas City, Mo. (Medford, Md.)

Evans, Frank Alexander—A. B. Washington and Jefferson 1910, and A. M. 1914; R. H. O. 1914-15.—Asst. Res. Path. Presby. Hosp. N. Y.

Fansler, Walter A.—A. B. and A. M. Missouri 1911 and 1912, and Med. Dept. 1909-10 and 1911 and 1912; Instr. Path. and Bact. Marquette Univ. Milwaukee 1914-15.—Physician, Minneapolis.

Fechtig, Allen Garthwright—A. B. South 1910; Summer School, Virginia 1911-12, and Med. Dept. 1910-12.—Interne, N. Y. Polyclinic Hosp. New York.

Fergusson, James Grant—A. B. Stanford 1908; Med. Student, St. Andrew (Scotland) 1910-11, and Munich 1912-13.—Interne, Roosevelt Hosp. New York, Europe.

Fleming, LeRoy Newton—A. B. Miami 1910.—Asst. in Surg. 1914-15.

Flexner, Morris—A. B. Michigan 1910.—R. H. O. 1914-15.—Asst. Res. Barnes Hosp. St. Louis.

Frazee, Mary Louise — A. B. Goucher 1908. — Interne, Bloomingdale Hosp. White Plains, N. Y.

Gardner, Harold Bearce—S. B. Grinnell 1910.—Res. Phys. St. Francis' Hosp. Pittsburgh.

Grave, Floyd—S. B. Carlton 1908.—Interne, City and County Hosp. St. Paul, Minn.

Hagan, Hugh Johnson—A. B. Washington and Lee 1910.—Interne, Jefferson Surg. Hosp. Roanoke, Va.

Hain, Raymond Fisher—S. B. Bucknell 1910.—Interne, Church Home and Infirm. Baltimore.

Hall, Raymond Confer—S. B. Wesleyan (Ct.) 1909.—Interne, Bellevue Hosp. New York.

Hampton, Henry Hunton—S. B. Tennessee 1903.—Interne, Church Home and Infirm. Baltimore.

Harrell, Bryant Eugene — A. B. Randolph-Macon 1907.—Res. Surg. Jefferson Surg. Hosp. Roanoke, Va.

Haupt, Walter Clark — Ph. D. 1908; Grad. Student Michigan 1910; Asst. Phys. Butler Hosp. Providence, R. I. 1914-15.—Asst. Neurol. Inst. of N. Y. New York City.

Hodge, Mary Ashmun—A. B. Stanford 1903, and Grad. Student 1909-10.—Asst. in Clin. Med. and Dispensary Physician.

Hooper, Charles Warren—A. B. Kansas 1911, and Med. Student 1909-11.—Instr. Resch. Med. Geo. W. Hooper Fndn. for Med. Resch. Univ. Calif. San Francisco.

Huffman, Lyman Foster — S. B. Ohio Wesleyan 1910; Interne, Lakeside Hosp. Cleveland 1914-15.—Physician, Galion, O.

Hutchison, James Elder — A. B. Ohio State 1909, and Grad. Student, Iowa State 1909-10. — Interne, Hartford Hospital, Conn.

Ingraham, Ruth — A. B. Vassar 1907, and Grad. Student, Barnard 1909-10; Interne, Woman's Hosp. Philadelphia 1914-15. — Physician, 444 Clinton Ave., Brooklyn, N. Y.

Jack, William David—A. B. Creighton 1908; Grad. Student, Chicago 1909-10; Interne, Peter Bent Brigham Hosp. Boston 1914-15.—Asst. Res. Brady Institute.

Jones, Walter Falke—A. B. Hamilton 1908, and A. M. 1909.—Interne, French Hosp. New York.

Keister, William Shirey—A. B. Roanoke 1907, and A. M. 1909; U. S. Marine Hosp. Wilmington, N. C. 1914-15.—Va. State Bd. Health, Richmond.

Kelly, Claude Currie—S. B. Davidson 1909.—Interne, M. E. Hosp. Brooklyn, N. Y.

Ketcham, Clarence Searle—B. L. Rutgers 1910, and A. M. 1914.—Interne, U. P. Infirm. Baltimore.

King, John Theodore, Jr.—A. B. Princeton 1910; R. H. O. 1914-15.—Asst. Res. Phys.

***Krake, Leigh Seward**—A. B. Nebraska 1907. (*Died, July* 9, 1914.)

McGill, Caroline—A. B. Missouri 1904, A. M. 1905, and Ph. D. 1908; Chicago Summer, 1907; Berlin 1909; Tübingen 1910. — Pathol. Murray Hosp. Butte, Mont.

Martin, Floyd August—A. B. Missouri 1911, and A. M. 1912, and Med. Dept. 1906-09; Instr. Pathol. and Bacteriol. Univ. of Missouri, Columbia 1914-15.—Asst. Supt. State Hosp. No. 1, Fulton, Mo.

Marvel, Norman Clyde — A. B. 1910; Interne, Hosp. Women of Maryland, Baltimore 1914-15. — Interne, French Hosp. N. Y.

Meyer, Jerome—S. B. Alabama 1908; Med. Dept. J. H. U. 1908-10; Med. House Officer, Washington Univ. St. Louis 1914-15.—Med. Officer, Child'ns Mem. Hosp. Chicago.

Mosiman, Roscoe E.—S. B. Huron 1910; Interne, Lakeside Hosp. Cleveland 1914-15.—Asst. Res. Surg. St. Agnes' Hosp.

Moyle, Robert Davie—A. B. McMaster 1908.—Freiburg, i/B Germany.

Ormond, John Kelso—A. B. Princeton 1906; R. H. O. 1914-15.—Asst. Res. Phys. City Hosp. Bay View.

Plumer, John Shaffer—S. B. Pittsburgh 1909.—Asst. in Pathol. Allegheny Gen'l Hosp. Pittsburgh.

Redelings, Leslie Hall — S. B. Northwestern 1909, and M. S. 1910; R. H. O. 1914-15.—Fellow, Mayo Clinic, Rochester, Minn.

Reichard, John Davis — A. B. Trinity (Ct.) 1910.—Interne, Church Home and Infirm. Baltimore.

Reinhard, Ferdinand Oscar Wolfgang—A. B. 1908; Interne, St. Mary's Hosp. Milwaukee (3 mos.); Res. Johns Hopkins Hosp. Sch. and Convales. Home Colored Chldn. 1914-15. — Amer. Red Cross, Serbia.

Robinson, Aaron—A. B. 1910.—Interne, Hebrew Hosp. Baltimore.

Rockwood, Ethel May—S. B. Simmons 1909.—Interne, Memorial Hosp. Worcester, Mass.

Rothholz, Alma Sophia—A. B. Smith 1910; R. H. O. 1914-15.—Asst. in Laryngol.

Saltzstein, Harry—Ph. B. Yale 1910.—Interne, Mt. Siani Hosp. New York.

Schmitt, John Joseph Zymanski—A. B. St. John's (Brooklyn) 1910; Asst. Surg. U. S. P. H. S. Wilmington, N. C. 1914-15.—Sanitary Inspect. Amer. Red Cross, Nishe, Serbia.

Sewell, John Holt—E. E. Texas 1908.—Interne, City Hosp. Bayview.

Shaffer, Floyd Elmer—A. B. Lebanon Valley 1910.—Res. Phys. German Hosp. Philadelphia.

Sherrick, Joseph Leslie — A. B. Monmouth 1908; A. M. Yale 1910; Interne, Mass. Gen'l Hosp. Boston 1914-15.—Asst. Res. Physician.

Sherry, Leroy Briggs — A. B. Illinois 1910.—Interne, Lakeside Hosp. Cleveland.

Silvester, Richard Lee—S. B. Maryland Agricult. 1909, and Grad. Student, 1909-10.—Interne, Hosp. Women of Maryland, Baltimore.

Stubbs, Landon Elwood — A. B. Randolph-Macon 1910; Interne, Garfield Mem. Hosp. Washington, D. C. 1914-15.—Physician, Gloucester, Va.

Taylor, Herbert Douglas — A. B. St. John's 1910; Prof. Bacteriol. and Pathol. Wake Forest Coll. N. C. 1914-15.—Asst. Path. and Bact. Rockefeller Inst. for Med. Resch. N. Y.

Utzinger, Otto E.—A. B. Stanford 1910. —Asst. Res. U. P. Infirm. Baltimore.

Vanneman, Joseph Stephens — Ph. B. Dickinson 1910; Interne, Church Home and Infirm. Baltimore 1914-15. —Res. Phys. Princeton Univ. Infirm. Princeton, N. J.

Van Valzah, Laurie—A. B. Oregon 1910. —Interne, So. Pacific Hosp. San Francisco.

Venable, John Manning—A. B. North Carolina 1910, and Med. Dept. 1910-12.—Interne, St. Luke's Hosp. New York.

Webb, Joseph—A. B. Wittenberg 1910. —R. H. O. 1914-15.—Sr. Interne, Obstet. and Gyne. Stanford Univ. San Francisco.

Webb, Roscoe Clayton—A. B. Minnesota 1911.—Interne, N. Y. Hosp. New York.

Webster, Jerome Pierce—A. B. Trinity (Ct.) 1910; R. H. O. 1914-15.—Asst. Res. Surgeon.

Wilson Harry Eugene—A. B. St. John's 1910; Asst. to Dr. Long, Greensboro Hosp. N. C. 1914-15.—Interne, Church Home, Baltimore.

Wolff, Sylvain Beer—S. B. Louisiana State 1910. — House Surg. Bellevue Hosp. New York.

Wood, Evans Beauchamp—S. B. Ala. Polytech. 1907, and M. S. 1908.—Interne, Lakeside Hosp. Cleveland.

Woods, Alan Churchill—A. B. 1910.—Interne, Peter Bent Brigham Hosp. Boston.

Wynne, Herbert Maxwell Nash—S. B. Bethany 1906, and A. M. 1907; Grad. Student, Ohio State 1909; R. H. O. 1914-15.—Asst. Res. Gynecol.

Zadek, Isadore — S. B. Ala. Polytech. 1910.—R. H. O. 1914-15.

Class Secretary — John T. King, Jr., Johns Hopkins Hospital.

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1915

Adair, Frank Earl—A. B. Marietta 1910.—Interne, New York Hosp. New York.

Andrew, Harvey Montreville — S. B. Waynesburg 1911.—Interne, Hartford Hosp. Conn.

Armstrong, Charles—S. B. Mt. Union 1910.—Interne, New Haven Gen'l Hosp. Conn.

Atchley, Dana Winslow—S. B. Chicago 1911.—R. H. O.

Aull, John—A. B. Virginia 1911.—Interne, Washington Univ. Hosp. St. Louis.

Bacon, Arthur Maynard—A. B. Western Maryland 1911. — Interne, Garfield Memorial Hosp. Washington, D. C.

Baldwin, John Cook—S. B. Hamilton 1910, and M. S. 1913; Grad. Student Berlin, 1910-11.—Interne, St. Francis' Hosp. Pittsburgh.

Batchelor, Marjorie Dietz—A. B. Wellesley 1907.—Asst. in Med. and Disp. Physician.

Batchelor, Roger Putnam—A. B. Wisconsin 1911.—Assistant in Surgery.

Bates, Harold Edwards—A. B. Oregon 1910.—Interne, Bellevue Hosp. New York.

Bean, Leo Chapman—Ph. B. Ohio 1911. —Interne, Union Protest. Infirmary.

Belden, Louis de Keyser—S. B. North Carolina 1910, and Med. Dept. 1911-13.—Interne, Roosevelt Hosp. New York.

Braunlich, George—Ph. B. Chicago 1910.—Interne, New Haven Hosp. Conn.

Burket, Walter C.—S. B. Chicago 1911, and A. B. Baker, 1912.—R. H. O.

Christopher, Frederick—S. B. Northwestern 1911.—Interne, New York Hosp. New York.

Clark, Admont Halsey—A. B. Oberlin 1910.—Assistant in Pathology.

Clarke, Jefferson Hamer, Jr.—A. B. Haverford 1911. — Interne, Philadelphia Gen'l Hosp. Philadelphia.

Clausen, Samuel Walcott—A. B. Williams 1910; Grad. Student, Princeton 1910-11.—R. H. O.

Clough, Harry Duffield—A. B. Brown 1908, and A. M. 1911.—Interne, R. I. State Hosp. Providence.

Crawford, Rena—Ph. B. Chicago 1903; A. M. Columbia 1910.—Interne, N. Y. Infirmary for Women and Children, New York.

Cunningham, Robert Sydney—S. B. and A. M. Davidson 1911.—Assistant in Anatomy.

Dayton, Arthur Bliss—Ph. B. Yale 1911.—Fellow in Pathology.

Delatour, Beeckman J.—S. B. Amherst 1911.—Interne, St. Luke's Hosp. New York.

Derr, Woods Frederick—A. B. Buckness 1911. — Interne, Williamsport Hosp. Williamsport, Pa.

Doherty, Drayton Howard—A. B. Howard 1910.—Physician, Selma, Ala.

Elmendorf, DuMont F.—A. B. Rutgers 1911.—Interne, Children's Hosp. Sch.

Fallas, Roy Edwin—A. B. Leland Stanford, Jr. 1911.—R. H. O.

Faust, Otto Alois—Ph. B. Union 1911. —Interne, The R. I. Hosp. Providence.

Gasser, Herbert Spencer—A. B. and A. M. Wisconsin 1910 and 1911, and Med. Dept. 1909-11; Asst. and Instr. in Physiol. *ibid,* 1911-13.—Instr. in Pharmacol. Univ. Wisconsin, Madison.

von Glahn, William Carson—S. B. Davidson 1911.—Interne, New Haven Hosp. Conn.

Glass, Samuel James, Jr.—S. B. Pittsburgh 1911.—Interne, Hosp. for Women of Maryland.

Gober, William Mayes—A. B. Georgia 1909. — Interne, Methodist Episcopal Hosp. Brooklyn.

Goddard, Calvin Hooker—A. B. 1911.—Asst. in Med. Heart Station, J. H. H.

Griffith, Lewie Muller—S. B. South Carolina 1908.—Asst. in Laryngology.

Griffith, Roy—S. B. Georgia 1911.—Interne, City Hosp. Hartford, Conn

Haden, Russell Landram—A. B. Virginia 1910, and A. M. 1911.—R. H. O.

Happ, William Morris—A. B. Georgia 1911.—Interne, City Hosp. Bayview.

Heddens, Vernon Offutt—A. B. Missouri 1910.—Interne, New York Hosp. New York.

Houck, Frank M.—Ph. B. Dickinson 1910. —Interne, Cragmor Sanatorium, Colo. Spgs. Colo.

Irwin, Stewart Vernon—S. B. California 1911.—R. H. O.

Joseph, Morris—S. B. New York 1911; Student, Bellevue Hosp. Med. Coll. 1910-11. — Interne, Panama Canal Service.

McLean, McDugald Keener—A. B. Southwestern 1908; Med. Dept. J. H. U. 1909-10; B. Sc. Oxford, England, 1913.—Interne, City Hosp. Bayview.

MacRae, Floyd Wilcox, Jr.—Ph. B. Yale 1911.—Interne, Lakeside Hosp. Cleveland.

McVay, James Robert—A. B. Missouri 1912, Med. Dept. 1910-12, and Grad. Student 1912-13. — Interne, Lakeside Hosp. Cleveland.

Makel, Hertel Philip—A. B. 1911.—Interne, St. Agnes' Hosp.

Mason, Verne Rheem—S. B. California 1911.—R. H. O.

Maxcy, Kenneth Fuller—A. B. George Washington 1911.—R. H. O.

Melen, David Ralph—S. B. Rochester 1911. — Interne, Rochester Infants' Summer Hosp. (Summer, 1915); Interne, Rochester Gen'l Hosp. New York.

Mitchener, James Samuel—S. B. Davidson 1909.—Physician, Edenton, N. C.

Morgan, Harold Sydney—A. B. Leland Stanford, Jr. 1912, and Med. Dept. 1911-12. — Interne, Bellevue Hosp. New York.

Moore, Thomas Verner—Ph. D. Catholic U. of A. 1903; Fellow and Instr. in Psychol. Med. Student, Georgetown 1910-13, and Munich 1913-14.—Instr. in Psychol. Catholic Univ. of America, Washington, D. C.

Morison, Rufus Ayers — Va. Military Inst. 1905.—Res. Phys. Royal Victoria Hosp. Montreal, Canada.

Murray, John Gardner, Jr.—A. B. 1911. —R. H. O. and Asst. Disp. Obstet.

Musser, Harvey Huston—A. B. 1911.—R. H. O.

Newcomer, Harry Sidney—A. B. Wisconsin 1909, and A. M. 1910, and Grad. Student 1910-11; Chicago Summer Qr. 1910-11, and Freiburg 1912-13.—Res. Pathol. Penna. Hosp. Philadelphia.

Peightal, Thomas Christian — Ph. B. Franklin and Marshall 1911.—Interne, Roosevelt Hosp. New York.

Preston, George Heinrichs—A. B. 1911. —R. H. O.

Putnam, Mary—A. B. Bryn Mawr 1910. —Interne, N. Y. Infirmary for Women and Children, New York.

Rhodes, George Kremer—S. B. California 1912, and Med. Dept. 1911-12.—R. H. O.

Richards, Davis Neeper—A. B. Wooster 1911. — Interne, Montreal Maternity Hosp. Canada.

Richards, Esther Loring—A. B. Mt. Holyoke 1910; Med. Dept. Wisconsin 1910-13.—R. H. O.

Rivers, Thomas Milton—A. B. Emory 1909; Med. Dept. J. H. U. 1909-11.—R. H. O.

Rosenthal, Gilbert White—A. B. 1910, and Grad. Student 1910-11.—R. H. O.

Rothschild, Lippman Levy—A. B. Yale 1910. — Interne, Phipps Psychiatric Clinic.

Schnack, Adolph George—A. B. Leland Stanford, Jr. 1910; A. M. Yale 1911. —Interne, Mass. Gen'l Hosp. Boston.

Scott, Katherine Julia—A. B. Wellesley 1910; Grad. Student, Radcliffe 1910-11.—Asst. in Anatomy, U. of Calif. Berkeley.

Shellito, Judd Campbell—S. B. Princeton 1911.—Interne, Harper Hosp. Detroit.

Shewbrooks, Daniel Marsh—A. B. Middlebury 1909.—Interne, City and County Hosp. St. Paul, Minn.

Slater, Harvey M.—A. B. Oregon 1911. —Interne, City and County Hosp. St. Paul, Minn.

Smith, Daniel Clarke Wharton 2nd—Ph. B. Yale 1911.—Interne, City Hosp. Bayview.

Smith, Lucius Ernest—S. B. Kentucky 1911. — Interne, Presbyterian Hosp. San Juan, P. R.

Smith, L. Howard—S. B. Huron 1910. —Interne, Garfield Memorial Hosp. Washington, D. C.

Swan, Mary Hannah—A. B. Mt. Holyoke 1905; Woman's Med. Coll. of Pa. 1910-12.—Pathol. Central Hosp. Ill. C. R. R. Chicago.

Sydenstricker, Virgil Preston Willis—A. B. Washington and Lee 1910, and A. M. 1911.—R. H. O.

Tappan, Benjamin—A. B. 1911.—Interne, Cincinnati Gen'l Hosp. Ohio.

Thomas, William Clark—A. B. Emory 1911.—Interne, Union Protestant Infirmary.

Trueblood, Donald Vaughn—A. B. Washington 1911.—R. H. O.

Tucker, Prescott Steirns—A. B. George Washington 1911.—R. H. O.

Turner, John Calvin, Jr.—S. B. Davidson 1908, and A. M. 1909; Grad. Student, Columbia 1910-11.—Interne, St. Luke's Hosp. New York.

Turner, Victor Roland—S. B. Denison 1909; A. M. Harvard 1911.—Interne, St. Luke's Hosp. New York.

Walker, John Edward—S. B. Ala. Polytech. 1910, and M. S. 1911.—Interne, City Hosp. Bayview.

Warner, Charles Luther—A. B. 1911.—Interne, Hosp. for Women of Maryland.

Werner, Roy Gillilan—A. B. Ohio State 1909, and Grad. Student 1909-10; Med. Student, Chicago, Summer, 1911. —Physician, Parkersburg, W. Va.

Wharton, Lawrence Richardson—Ph. B. Hiram 1907; Grad. Student, J. H. U. 1910, and DePauw 1911.—R. H. O.

Whisman, Henry Stafford—S. B. California 1911.—Interne, Roosevelt Hosp. New York.

Williams, Louis Hicks — A. B. North Carolina 1911. — Interne, Polyclinic Hosp. New York.

Wix, Edward Blaine—Ph. B. Yale 1911. Physician, 59 Columbia Terrace, Weehawken, N. J.

Woo, F. Simon (Hu Hsüan-ming)—A. B. St. John's (Shanghai) 1910, Grad. Student, J. H. U. 1910-11.—Student Dept. Hygiene, Harvard.

(89)

Smith, John Frederick — A. B. Lake Forest 1907.—Interne, Bellevue Hosp. New York. (*Degree granted February* 22, 1915.)

Class Secretary—Benjamin Tappan, Cincinnati Hospital, Cincinnati, O.

(1149)

Places of Residence of the Graduates in Medicine of the Johns Hopkins University

Alabama:

Birmingham, ... 9

R. T. Comer, '01.
K. W. Constantine, '05.
M. Y. Dabney, '12.
S. L. Ledbetter, Jr., '10.
F. A. Lupton, '99.
E. M. Mason, '06.
C. H. Moore, '13.
H. P. Shugerman, '08.
W. L. Thornton, '10.

Clayton, ... 1

N. L. Winn, '06.

Decatur, ... 1

W. W. Dinsmore, '07.

Gadsden, ... 1

H. W. Bass, '06.

Mobile, ... 2

H. P. Cole, '06.
G. J. Winthrop, '06.

Montgomery, ... 1

P. B. Moss, '09.

Opelika, ... 1

L. H. Watkins, '09.

Selma, ... 2

D. H. Doherty, '15.
M. A. Maas, '11.

Alaska:

Ft. St. Michael, ... 1

T. L. Ferenbaugh, '09.

Arizona:

Phoenix, ... 3

C. B. Palmer, '07.
F. H. Redewill, '06.
M. B. Walker (Williams), '01.

Tucson, ... 1

J. I. Butler, '01.

Arkansas:

Hot Springs, ... 1

J. H. Chestnutt, '07.

Little Rock, ... 1

J. I. Scarborough, '08.

California:

Berkeley, ... 7

G. W. Corner, '13.
H. M. Evans, '08.
F. P. Gay, '01.
G. Y. Rusk, '00.
K. J. Scott, '15.
H. S. Thomson, '09.
C. L. Williams, '02.

Los Angeles, ... 14

F. C. Ainley, '06.
W. V. Brem, Jr., '04.
C. Burnside, '07.
A. B. Cecil, '09.
J. L. Choate, '10.
R. L. Cunningham, '07.
E. C. Fishbaugh, '13.
H. M. Gallagher, '11.
R. F. Hastreiter, '01.
W. C. McKee, '13.
C. L. Magee, '99.
F. S. Ray, '08.
L. E. Ray, '08.
R. R. Rea, '06.

Palo Alto, ... 2

A. W. Meyer, '05.
C. D. Mosher, '00.

Pomona, ... 1

D. H. Morse, '10.

Sacramento, ... 2

C. M. Faris, '05.
F. F. Gundrum, '08.

San Diego, ... 2

R. S. Carter, '10.
P. Wegeforth, '12.

San Francisco, ... 33

H. W. Allen, '00.
V. B. Appleton, '06.
E. E. Brownell, '99.
J. V. Cooke, '08.
H. H. Dignan, '13.
A. C. Eaton, '14.
A. L. Fisher, '00.
L. Gerdine, '13.
S. L. Haas, '08.
H. Harris, '99.
G. W. Hartman, '07.
F. Hinman, '06.
C. W. Hooper, '14.

S. H. Hurwitz, '12.
S. Hyman, '02.
R. A. Kocher, '12.
H. L. Langnecker, '06.
H. Lisser, '11.
A. G. Lyle, '02.
F. W. Lynch, '99.
J. C. Neel, '10.
R. Patek, '06.
J. P. Pratt, '10.
E. Rosencrantz, '04.
M. Silverberg, '02.
T. Stearns, '12.
H. A. Stephenson, '10.
J. Van Denburgh, '02.
L. Van Valzah, '14.
E. M. Watters, '13.
J. Webb, '14.
G. H. Whipple, '05.
H. I. Wiel, '05.
J. M. Wolfsohn, '11.

Stanford University, ... 3

C. F. de Angulo, '11.
J. de Augulo, '11.
W. H. Manwaring, '04.

Colorado:

Colorado Springs, ... 5

G. B. Gilbert, '07.
F. M. Houck, '15.
S. W. Schaefer, '09.
J. R. Stewart, '09.
W. W. Williams, '99.

Denver, ... 3

H. G. Garwood, '04.
C. B. Ingraham, Jr., '06.
M. Long, '03.

Connecticut:

Bridgeport, ... 1

F. P. Carroll, '14.

Hartford, ... 23

H. M. Andrew, '15.
J. L. Birdsong, '09.
E. B. Carter, '11.
H. N. Costello, '10.
G. W. Cox, '11.
C. D. Deming, '10.
E. A. Deming, '08.
C. A. Downs, '14.
W. Dwyer, '13.
W. L. Gills, '12.
R. Griffith, '15.
A. H. Griswold, '06.
T. N. Hepburn, '05.
J. E. Hutchinson, '14.
H. G. Jarvis, '10.
W. H. Licht, '11.
H. A. Martelle, '05.
J. R. Miller, '11.
H. C. Russ, '06.
W. R. Steiner, '98.
D. W. Tracy, '08.
R. L. Waite, '09.
D. B. Wells, '12.
E. A. Wells, '01.

Litchfield, ... 1

C. H. Turkington, '07.

Middletown, ... 1

H. Rinde, '08.

Montowese, ... 1

R. W. Nichols, '12.

New Britain, ... 1

C. H. Travis, '03.

New Haven, ... 11

C. Armstrong, '15.
H. G. Barbour, '10.
G. Braunlich, '15.
J. W. Churchman, '02.
J. M. Flint, '00.
W. C. von Glahn, '15.
D M. Lewis, '01.
A. H. Morse, '06.
R. F. Rand, '00.
J. M. Slemons, '01.
H. M. Steele, '02.

Norwich, ... 1

P. J. Cassidy, '98.

Stepney, ... 1

G. A. Smith, '07.

Thompsonville, ... 1

T. E. Vail, '11.

Terryville, ... 1

H. B. Woodward, '12.

West Haven, ... 1

R. D. Clarke, '08.

Delaware:

Laurel, ... 1

J. R. Elliott, '09.

Wilmington, ... 1

W. E. Bird, Jr., '11.

District of Columbia:

Washington, ... 34

A. M. Bacon, '15.
K. B. Bogle, '14.
J. B. Briggs, '02.
E. F. Butler, '10.
G. D. Chunn, '13.
H. D. Clarke (Kempf), '13.
J. Dunlop, '02.
W. G. Erving, '02.
H. A. Fowler, '01.
N. D. Graham, '01.
M. Hahn, '07.
H. H. Hazen, '06.
E. S. Hendry, '11.
W. B. Hetfield, '11.

H. M. Kaufman, '01.
H. L. Kelley, '07.
A. H. Kimball, '02.
W. E. H. Krechting, '06.
L. C. Lehr, '02.
J. W. Lindsay, '08.
E. Lootz (Erving), '02.
C. N. McBryde, '97.
K. E. Miller, '12.
J. F. Mitchell, '97.
T. V. Moore, '15.
E. L. Morgan, '11.
H. P. Parker, '01.
W. T. Parsons, '07.
E. H. Reede, '02.
L. H. Smith, '15.
W. F. M. Sowers, '00.
R. R Spencer, '13.
L. Tayler-Jones, '03.
F. T. Williams, '12.

Florida:

Jacksonville, ... 10
G. Day, '06.
J. E. Gammon, '12.
H. Hanson, '08.
G. R. Holden, '01.
E. Jelks, '13.
E. M. L'Engle, '02.
E. L. Lowell (Stevens), '00.
W. S. Manning, '03.
J. H. Randolph, '04.
C. P. Rogers, '02.

Miami, ... 1
I. C. Youmans, '09.

Pensacola, ... 1
H. Ginsberg, '10.

Plant City..... 1
R. Duffy, '02.

Tampa, ... 1
E. G. Birge, '07.

Zolfo, ... 1
J. R. Frow, '08.

Georgia:

Athens, ... 2
D. H. DuPree, '07.
J. A. Hunnicutt, '11.

Atlanta, ... 11
M. L. Boyd, '07.
C. E. Dowman, Jr., '05.
W. M. Dunn, '11.
L. M. Gaines, '03.
C. C. Hinton, '13.
J. E. Paullin, '04.
C. M. Remsen, '04.
H. I. Reynolds, '12.
C. A. Rhodes, '07.
W. F. Shallenberger, '07.
W. W. Young, '13.

Augusta, ... 2
W. D. Cutter, '05.
W. C. Kellogg, '00.

Macon, ... 2
J. R. B. Branch, '08.
M. D. Council, '11.

Savannah, ... 4
V. H. Bassett, '03.
W. R. Dancy, '00.
M. Weinberg, '10.
W. S. Wilson, '04.

Ft. Screver, ... 1
E. R. Gentry, '09.

Thomson, ... 1
B. F. Riley, '03.

Waycross, ... 1
L. Howard, '13.

Hawaii:

Haiku, ... 1
W. D. Baldwin, '01.

Honolulu, ... 1
G. A. Batten, '14.

Idaho:

Nampa, ... 1
C. E. Watson, '10.

Illinois:

Chicago, ... 12
R. B. Bettman, '14.
C. F. Bookwalter, '10.
H. F. Helmholtz, '06.
L. L. Iseman, '06.
P. Kyes, '00.
W. B. McClure, '12.
J. Meyer, '14.
C. W. Rand, '12.
M. J. Rubel, '01.
P. M. Stetler, '13.
S. Strouse, '06.
M. H. Swan, '15.

Evanston, ... 2
P. O. Owsley, '99.
G. R. Henry (Dick), '07.

Havana, ... 1
C. H. Stubenrauch, '07.

Jacksonville, ... 1
E. G. Dewey, '03.

Kankakee, ... 1
C. Ricksher, '05.

Mattoon, ... 1
W. G. Wallace, '09.

Peoria, ... 1
J. H. Bacon, '04.

Urbana, ... 1
J. H. Beard, '12.

Warsaw, ... 1
R. T. Edwards, '04.

Indiana:

Anderson, ... 1
T. M. Jones, '02.

Evansville, ... 1
H. W. Little, '00.

Fort Wayne, ... 2
B. M. Edlavitch, '10.
H. M. Senseny, '10.

Indianapolis, ... 6
H. L. Conner, '10.
C. P. Emerson, '99.
W. D. Gatch, '07.
E. B. Mumford, '05.
J. V. Reed, '04.
A. L. Walters, '12.

Linton, ... 1
A. A. Thomas, '08.

Madison, ... 1
A. P. Harrison, '07.

Iowa:

Cedar Rapids, ... 1
J. Crawford, '09.

Davenport, ... 1
J. T. Haller, '05.

Des Moines, ... 1
M. Emmert, '09.

Iowa City, ... 1
A. H. Beifeld, '07.

Mt. Vernon, ... 1
F. F. Ebersole, '06.

Kansas:

Lawrence, ... 1
J. Sundwall, '12.

Rosedale, ... 1
R. H. Major, '10.

Kentucky:

Harrodsburg, ... 1
C. B. Van Arsdall, '02.

Lexington, ... 3
W. H. Hawkins, '11.
J. D. Hunt, '06.
W. S. Wyatt, '09.

Louisville, ... 3
L. K. Baldauf, '05.
J. V. Bedinger, '11.
E. O. Grant, '11.

Shelbyville, ... 1
A. C. Weakley, '12.

Louisiana:

New Orleans, ... 2
R. B. Bean, '04.
C. C. Cody, '10.

Maine:

Bangor, ... 2
L. Adams, '11.
B. Hunt, '11.

Foxcroft, ... 1
C. C. Hall, Jr., '10.

Portland, ... 2
W. B. Moulton, '03.
P. P. Thompson, '06.

Maryland:

Annapolis, ... 3
J. A. Bass, '09.
B. B. Browne, Jr., '02.
D. C. Walton, '09.

Baltimore, ...208
R. T. Abercrombie, '05.
D. W. Atchley, '15.
C. R. Austrian, '09.
W. S. Baer, '98.
F. H. Baetjer, '01.
W. A. Baetjer, '09.
E. I. Bartlett, '12.
M. D. Batchelor, '15.
R. P. Batchelor, '15.
L. C. Bean, '15.
S. Bayne-Jones, '14.
E. B. Beasley, '06.
M. Belt, '14.
J. M. Bergland, '04.
B. M. Bernheim, '05.
A. L. Bloomfield, '11.
T. R. Boggs, '01.
E. S. duBray, '14.
E. W. Bridgman, '12.
T. R. Brown, '97.
H. Brülle, '00.

R. M. Bruns, '02.
N. H. Brush, '14.
H. W. Buckler, '99.
W. C. Burket, '15.
C. F. Burnam, '00.
J. E. Burns, Jr., '08.
M. T. Burrows, '09.
C. M. Byrnes, '06.
D. F. Cameron, '13.
N. M. Canter, '13.
D. B. Casler, '04.
H. L. Cecil, '13.
B. S. Chaffee, '12.
T. R. Chambers, '10.
J. A. Chatard, '03.
M. Clark, '14.
G. W. Clausen, '15.
P. W. Clough, '07.
J. Cohen, '12.
H. T. Collenberg, '10.
J. A. C. Colston, '11.
E. V. Coolahan, '08.
W. B. Cornell, '03.
R. H. Crawford, '14.
S. J. Crowe, '08.
R. S. Cunningham, '15.
W. E. Dandy, '10.
D. Davis, '13.
D. M. Davis, '11.
E. G. Davis, '12.
J. S. Davis, '99.
A. B. Dayton, '15.
S. A. Dodds, '05.
G. C. Dohme, '02.
J. C. Donaldson, '14.
W. C. Duffy, '14.
G. R. Dunn, '14.
D. F. Elmendorf, '15.
R. E. Fallas, '15.
R. Fayerweather, '03.
J. S. Fischer, '03.
W. A. Fisher, '00.
L. N. Fleming, '14.
R. H. Follis, '99.
W. W. Ford, '98.
H. Fried, '11.
W. A. Frontz, '11.
J. T. Geraghty, '03.
S. J. Glass, Jr., '15.
C. H. Goddard, '15.
E. Goetsch, '09.
H. S. Greenbaum, '04.
L. M. Griffith, '15.
C. G. Guthrie, 07.
R. L. Haden, '15.
R. F. Hain, '14.
R. W. Hall, '12.
L. P. Hamburger, '97.
L. V. Hamman, '01.
H. H. Hampton, '14.
W. M. Happ, '15.
F. Hazlehurst, '07.
V. O. Heddens, '15.
G. J. Heuer, '07.
L. K. Hirshberg, '02.
M. A. Hodge, '14.
J. B. Holmes, '12.
W. R. Holmes, '13.
D. R. Hooker, '05.
G. L. Hunner, '97.
E. H. Hutchins, '06.
S. V. Irwin, '15.
W. D. Jack, '14.
C. C. W. Judd, '11.
A. Keidel, '03.
N. M. Keith, '11.
C. S. Ketcham, '14.
L. W. Ketron, '11.
R. F. Kieffer, '13.
J. H. King, '06.
J. T. King, '14.
J. H. M. Knox, '98.
L. B. Lange, '11.
S. P. Law (Mrs. McGlannan), '07.
C. A. Laubach, '13.
M. Lazenby, '03.
V. N. Leonard, '11.
E. J. Leopold, '05.
R. L. Levy, '13.
W. H. Lewis, '00.
H. H. Loos, '12.
J. A. Luetscher, '99.
J. C. Lyman, '13.
R. D. McClure, '08.
M. K. McLean, '15.
D. I. Macht, '06.
H. P. Makel, '15.
V. R. Mason, '15.
K. F. Maxcy, '15.
R. W. B Mayo, '08.
W. L. Millea, '12.
S. R. Miller, '10.
L. D. Minsk, '13.
R. E. Mosiman, '14.
J. G. Murray, Jr., '15.
H. H. Musser, '15.
W. Neill, Jr., '12.
W. E. Nesbit, '13.
G. C. Ney, '08.
F. K. Nichols, '10.
J. A. O'Donnell, '11.
J. K. Ormond, '14.
O. B. Pancoast, '97.
E. M. Girdwood (Peirce), '09.
G. Peirce, '07.
I. R. Pels, '06.
C. A. Penrose, '97.
E. L. Pessagno, '07.
M. C. Pincoffs, '12.
E. D. Plass, '11.
J. H. Pleasants, '99.
F. G. Porter, '08.
L. T. Post, '13.
G. F. Powers, '13.
G. H. Preston, '15.
J. D. Reichard, '14.
M. R. Reid, '12.
G. K. Rhodes, '15.
E. L. Richards, '15.
E. H. Richardson, '05.
C. W. Riley, '07.
T. M. Rivers, '15.
A. Robinson, '14.
A. Rohde, '10.
S. Rosenheim, '99.
G. W. Rosenthal, '15.
A. S. Rothholz, '14.
L. L. Rothschild, '15.
F. R. Sabin, '00.
E. P. Sandrock, '07.
H. C. Schmeisser, '12.
A. R. Scott, '13.
R. B. Seem, '06.
R. O. Sellman, '12.
J. H. Sewell, '14.

H. N. Shaw, '13.
R. L. Silvester, '14.
J. L. Sherrick, '14.
W. R. Sisson, '12.
W. K. Skilling, '11.
H. R. Slack, Jr., '12.
D. C. W. Smith 2d, '15.
F. J. Smith, '13.
W. H. Smith, '03.
L. C. Spencer, '11.
T. P. Sprunt, '09.
T. Starr, '12.
G. A. Stewart, '11.
H. B. Stone, '06.
D. C. Streett, '12.
E. R. Strobel, '99.
V. P. W. Sydenstricker, '15.
G. L. Taneyhill, Jr., '04.
W. C. Thomas, '15.
C. B. Thompson, '13.
C. B. Towles, '05.
D. V. Trueblood, '15.
P. S. Tucker, '15.
A. J. Underhill, '01.
O. E. Utzinger, '14.
C. W. Vest, '08.
J. E. Walker, '15.
C. L. Warner, '15.
L. H. Weed, '12.
J. P. Webster, '14.
G. H. White, Jr., '06.
J. Scott Willock, '04.
H. E. Wilson, '14.
H. Watson (Winternitz), '10.
L. R. Wharton, '15.
M. C. Winternitz, 07.
S. Wolman, '06.
J. K. Worthington, '08.
H. M. N. Wynne, '14.
G. B. Wolff, '12.
G. H. Woltereck, '09.
I. Zadek, '14.

Cumberland, ... 1
J. H. Wilson, '08.

Easton, ... 1
A. M. Stevens, '11.

Hagerstown, ... 1
P. Wroth, '06.

Manchester, ... 1
W. R. S. Denner, '08.

Medford, ... 1
T. S. Englar, '14.

Princess Anne..... 1
H. M. Lankford, '05.

Sanatorium, ... 1
V. F. Cullen, '06.

Massachusetts:

Arlington, ... 1
H. R. Webb, '06.

Boston, ... 30
A. W. Allen, '13.
J. B. Boehm, '14.
L. H. Burlingham, '06.
D. W. Carter, Jr., '14.
H. A. Christian, '00.
H. S. Colwell, '14.
E. W. Goodpasture, '12.
J. F. Grant, '03.
E. G. Grey, '11.
E. Hale (Swift), '05.
G. W. Hall, '01.
G. Horrax, '13.
H. T. Hutchins, '03.
C. Jacobson, '11.
E. R. Kelley, '06.
H. W. Marshall, '04.
M. E. Morse, '03.
H. G. Myrick, '00.
J. H. Pratt, '98.
S. Rushmore, '02.
A. G. Schnack, '15.
A. W. Sellards, '09.
R. P. Strong, '97.
F. H. Verhoeff, '99.
C. B. Walker, '11.
I. C. Walker, '09.
S. H. Watkins, '13.
E. M. Watson, '13.
F. S. Woo, '15.
A. C. Woods, '14.

Cambridge, ... 1
M. F. Austin (Southard), '00.

Fall River..... 2
E. S. Chace (Herbert), '01.
M. W. Marvel, '00.

Greenfield, ... 1
W. K. Clarke, '08.

Marblehead, ... 1
J. H. Prouty, '11.

New Bedford, ... 1
G. Marsden, '06.

Salem, ... 1
E. K. Burbeck, '07.

Waltham, ... 1
O. L. Dascombe, '05.

Worcester, ... 1
E. M. Rockwood, '14.

Weston, ... 1
A. M. Ballou (Eliot), '05.

Michigan:

Ann Arbor, ... 3
A. W. Hewlett, '00.
C. D. Partridge, '07.
U. J. Wile, 07.

Benton Harbor..... 1
W. P. Morrill, '08.

Detroit, ... 11
J. R. Carr, '04.
G. L. Connor, '01.
R. Connor, '01.
N. S. Ferry, '02.
J. H. Hathaway, '01.
C. R. Meloy, '06.
H. W. Plaggemeyer, '07.
B. R. Schenck, '98.
J. C. Shellito, '15.
F. J. Sladen, '06.
H. N. Torrey, '06.

Grand Rapids, ... 1
J. S. Brotherhood, '08.

Kalamazoo, ... 1
B. N. Epler, '99.

Saginaw, ... 1
R. O. Fuerbringer, '08.

Minnesota:

Duluth, ... 2
A. L. McDonald, '05.
J. A. Winter, '06.

Fergus Falls..... 1
K. J. Lee, '04.

Keewatin, ...1
C. F. Carstens, '08.

Minneapolis, ... 14
H. W. Cook, '02.
F. C. Davis, '99.
W. A. Fansler, '14.
A. D. Hirschfelder, '03.
A. E. Johann, '10.
A. W. Morrison, '10.
L. H. Redelings, '14.
M. P. Simis (Ulrich), '01.
E. D. Simpson, '12.
C. N. Spratt, '01.
H. L. Ulrich, '01.
C. B. Wright, '02.

Pokegama, ... 1
F. W. Wittich, '13.

Rochester, ... 4
E. L. Crispin, '06.
W. M. Fricke, '12.
H. Z. Giffin, '04.
W. C. MacCarty, '04.

St. Paul, ... 4
F. Grave, '14.
C. H. Pelton, '12.
D. M. Shewbrooks, '15.
H. M. Slater, '15.

Missouri:

Columbia, ... 2
E. R. Clark, '07.
D. H. Dolley, '02.

Fulton, ... 1
F. A. Martin, '14.

Kansas City..... 5
C. H. Bryant, '08.
W. W. Duke, '08.
T. G. Orr, '10.
E. H. Schorer, '06.
H. F. Vanorden, '10.

St. Joseph, ... 1
C. A. Potter, '11.

St. Louis, ... 26
J. Aull, '15.
F. M. Barnes, Jr., '07.
E. Boehm, '10.
B. Brooks, '11.
W. M. C. Bryan, '02.
J. R. Caulk, '06.
G. S. Drake, '01.
J. Erlanger, '99.
A. O. Fisher, '09.
R. F. Fisher, '12.
M. Flexner, '14.
M. A. Frankenthal, '02.
H. H. Hagan, '13.
F. M. Hanes, '08.
R. Hopkins, '03.
G. Ives, '11.
P. C. Jeans, '09.
D. W. Luten, '11.
H. McCulloch, '12.
W. H. Olmsted, '13.
E. L. Opie, '97.
M. H. Post, Jr., '12.
G. C. Robinson, '03.
E. Sachs, '04.
J. C. Salter, '01.
H. J. Storrs, '04.

Montana:

Butte, ... 3
C. H. Horst, '02.
A. Karsted, '02.
C. McGill, '14.

Great Falls, ... 1
W. S. Bole, '10.

Nebraska:

Hastings, ... 1
J. R. Blackman, '06.

Omaha, ... 3
H. L. Connett, '09.
M. Langfeld, '98.
O. T. Schultz, '03.

New Hampshire:

Exeter, ... 1
R. S. Perkins, '11.

New Jersey:

Atlantic City..... 1
C. L. Andrews, '12.

Franklin, ... 1
F. P. Wilbur, '06.

Montclair, ... 1
J. A. Caldwell, '04.

East Orange, ... 4
C. T. Brown, '07.
T. W. Harvey, '09.
K. Porter, '98.
E. N. Riggins, '02.

Princeton, ... 1
J. S. Vanneman, '14.

Somerville, ... 1
R. F. Hegeman, '10.

Trenton, ... 1
C. B. Farrar, '00.

Weehawken, ... 1
E. B. Wix, '15.

New York:

Albany, ... 7
J. M. Berry, '01.
A. W. Elting, '98.
L. W. Gorham, '10.
F. M. Meader, '09.
J. A. Sampson, '99.
F. Schmitter, '03.
C. K. Winne, '01.

Auburn, ... 1
H. I. Davenport, '05.

Binghampton, ... 2
A. S. Chittenden, '00.
M. J. Ross, '07.

Boonville, ... 1
F. H. Church, '06.

Brooklyn, ... 14
W. S. Bennett, '11.
G. E. Brockway, '11.
J. B. Duncan, '14.
J. T. Flanagan, '08.
W. M. Gober, '15.
I. P. Heymann, '13.
R. Ingraham, '14.
L. A. Lynch, '03.
W. H. Maddren, '01.
J. F. Morrison, '04.
C. E. Rynd, '11.
P. B. Sarason, '12.
B. T. Terry, '04.
B. E. Wolfort, '06.

Buffalo, ... 10
H. Adsit, '06.
J. L. Butsch, '12.
A. H. Clark, '03.
W. H. Glenny, '02.
F. C. Goldsborough, '03.
C. C. Kelly, '14.
J. S. Lewis, '06.
I. P. Lyon, '97.
B. Mann, '09.
J. S. McFarland, '02.
W. L. Moss, '05.

Cortland, ... 1
R. P. Higgins, '05.

Eastwood, ... 1
R. H. Dunning, '11.

Flushing (L. I.), ... 1
C. Meltzer (Auer), '00.

Fort Hamilton..... 1
J. R. Bosley, '01.

Glens Falls..... 1
M. L. Haviland, '02.

Ithaca 1
C. W. Webb, '09.

Kingston 1
R. Sanderson, '10.

Liberty, ... 1
H. B. Neagle, '03.

Loomis, ... 1
C. W. Mills, '08.

Long Island City..... 1
S. A. Marshall, '02.

Mt. Vernon, ... 1
N. Mills, '12.

New Brighton, ... 1
C. R. Kingsley, '09.

New Rochelle, ... 1

O. H. Schell, '04.

New York, ...102

F. E. Adair, '15.
E. M. Armstrong, '10.
J. Auer, '02.
F. W. Bancroft, '06.
H. E. Bates, '15.
L. deK. Belden, '15.
P. M. Bogart (Mrs. Van Voast), '06.
W. H. Brown, '07.
F. D. Bullock, '07.
H. W. Cave, '13.
A. M. Chesney, '12.
F. Christopher, '15.
A. H. Clark, '15.
R. I. Cole, '99.
R. J. Cook, '13.
R. Crawford, '15.
T. K. Davis, '13.
B. J. Delatour, '15.
B. S. Denzer, '10.
T. A. Devan, '10.
A. R. Dochez, '07.
R. M. Dodson, '14.
F. A. Evans, '14.
A. G. Fechtig, '14.
N. B. Foster, '02.
W. R. Frantz, '12.
F. L. Gates, '13.
H. L. Gray, '06.
R. C. Hall, '14.
T. W. Hastings, '98.
W. C. Haupt, '14.
W. P. Healy, '00.
R. W. Hellenbrand, '07.
E. S. Hellweg, '07.
J. Hemenway (Mrs. J. H. Kenyon), '04.
M. C. Hill, '08.
J. M. Hitzrot, '01.
J. G. Hopkins, '07.
A. Hubert, '11.
J. H. Huddleson, '13.
N. B. Jenison, '11.
W. F. Jones, '14.
T. S. Keyser, '11.
B. S. Kline, '11.
W. M. Kraus, '13.
G. U. Light, '98.
E. E. Lindemann, '08.
H. D. Long, '03.
W. T. Longcope, '01.
W. G. Lough, '12.
O. S. Lowsley, '12.
R. G. McAliley, '11.
W. G. MacCallum, '97.
J. T. MacCurdy, '11.
N. C. Marvel, '14.
D. R. Melen, '15.
D. E. Monroe, '10.
H. S. Morgan, '15.
J. J. Morton, '13.
A. P. Munn, '13.
J. B. Murphy, '09.
S. T. Nicholson, Jr., '10.
F. L. Paschal, '13.
L. Pearce, '12.
T. C. Peightal, '15.
M. Putnam, '15.
S. I. Rainforth, '03.
C. D. Reid, '12.
M. Rohde, '12.
F. P. Rous, '05.
A. Rucker, '11.
H. Saltzstein, '14.
O. M. Schloss, '05.
R. L. Schultz, '12.
J. F. Smith, '15.
M. B. Sponsler, '11.
A. R. Stevens, '03.
H. N. Stevenson 2d, '12.
E. Stillman, '11.
H. R. Stone, '04.
W. R. Stone, '99.
H. D. Taylor, '14.
H. C. Thacher, '06.
W. H. Thalheimer, '08.
W. L. Thompson, '04.
J. C. Turner, Jr., '15.
J. R. Turner, Jr., '13.
V. R. Turner, '15.
J. M. Venable, '14.
F. C. Wagenhals, '13.
E. E. Walker, '98.
G. W. Warren, '01.
C. H. Watt, '12.
B. F. Weems, '13.
M. Warren, '00.
R. C. Webb, '14.
I. K. Wiener, '11.
H. S. Whisman, '15.
L. H. Williams, '15.
N. H. Williams, '13.
S. B. Wolff, '14.
J. L. Zimmerman, '13.

Ogdensburg, ... 1

R. L. Stacy, '08.

Olean, ... 1

R. B. Morris, '10.

Otisville, ... 1

W. H. White, 07.

Port Chester, ... 1

G. Sands, '98.

Poughkeepsie, ... 1

E. C. Hill, '07.

Rochester, ... 7

S. J. Appelbaum, '08.
J. R. Booth, '11.
W. A. Calihan, '10.
C. W. Hennington, '06.
C. L. Hincher, '07.
N. G. Orchard, '07.
H. S. Schumacher, '07.

Saranac Lake, ... 4

L. Brown, '00.
A. K. Krause, '07.
J. L. Nichols, '97.
F. B. Trudeau, '13.

Schaghticoke, ... 1
A. E. Beale, '00.

Sherman, ... 1
M. C. Newkirk, '13.

Syracuse, ... 4
O. H. Cobb, '06.
A. Dutcher, '01.
N. P. Sears, '12.
H. S. Steensland, '99.

Troy, ... 2
H. W. Carey, '01.
H. P. Sawyer, '06.

Utica, ... 4
T. W. Clarke, '02.
J. W. W. Dimon, '09.
F. R. Ford, '05.
F. T. Owens, '07.

White Plains, ... 2
M. L. Frazee, '14.
H. W. Smith (Brown), 11.

Yonkers, ... 3
D. M. Sawyer, '11.
R. B. Scofield, '07.
W. J. Vogeler, '04.

North Carolina:

Asheville, ... 1
F. W. Griffith, '06.

Charlotte, ... 1
A. G. Brenizer, '08.

Durham, ... 1
M. T. Adkins, '07.

Edenton, ... 1
J. S. Mitchener, '15.

Greensboro, ... 2
W. F. Cole, '09.
H. H. Ogburn, '13.

Greenville, ... 1
M. T. Edgerton, Jr., '12.

New Bern, ... 1
R. N. Duffy, '06.

Raleigh, ... 1
C. A. Shore, '07.

Salisbury, ... 1
H. H. Newman, '13.

Wake Forest, ... 1
R. E. Flack, '13.

Wilmington, ... 2
J. Akerman, '00.
R. B. Slocum, '05.

Winston-Salem, ... 3
E. P. Gray, '06.
R. M. Grimes, '10.
A. deT. Valk, '10.

North Dakota:

Fargo, ... 2
K. E. Darrow, '13.
M. P. Rindlaub, '05.

Grand Forks, ... 1
L. D. Bristol, '07.

Willow City, ... 1
H. L. Youtz, '05.

Ohio:

Bucyrus, ... 1
W. G. Carlisle, '13.

Canton, ... 1
C. A. LaMont, '08.

Cincinnati, ... 8
W. F. Jelke, '02.
E. F. Malone, '07.
M. E. Nast (Wherry), '06.
W. O. Pauli, '07.
P. Preble, '07.
B. Tappan, '15.
T. H. Wenning, '10.
P. G. Woolley, '00.

Cleveland, ... 25
M. B. Bonta, '04.
C. A. Bowers, '12.
C. C. Brown, '12.
W. D. Fullerton, '11.
F. A. Glass, '12.
H. Hempstead, '05.
J. H. Hewitt, '06.
A. F. Hutchins, '13.
L. W. Ladd, '99.
F. W. McRae, '15.
J. R. McVay, '15.
D. Marine, '05.
H. W. Masenhimer, '08.
R. G. Perkins, '98.
M. L. Richardson, '13.
W. B. Rogers, '10.
R. J. Shale, '12.
L. B. Sherry, '14.
H. G. Sloan, '06.
J. T. Smith, '07.
C. W. Stone, '05.
A. Strauss, '12.
H. L. Taylor, '10.
H. R. Wahl, '12.
E. B. Wood, '14.

Columbus, ... 3
J. J. Coons, '02.
J. W. Sheetz, '10.
L. V. Zartman, '10.

Galion, ... 1
L. F. Huffman, '14.

Jefferson, ... 1
H. Dudley, '03.

Oxford, ... 1
H. M. Moore, '99.

Springfield, ... 1
C. L. Jones, '03.

Toledo, ... 3
L. F. Smead, '05.
C. G. Souder, '07.
A. L. Steinfeld, '01.

Youngstown, ... 1
H. C. Evans, '00.

Oklahoma:

Guthrie, ... 1
F. Y. Cronk, '07.

Oregon:

Ontario, ... 1
W. J. Weese, '11.

Portland, ... 8
T. H. Coffen, '06.
H. B. Fenton, '10.
W. H. Norton, '10.
J. F. Ortschild, '06.
A. S. Rosenfeld, '11.
J. W. Rosenfeld, '10.
L. Selling, '08.
O. B. Wight, '02.

Panama:

Ancon, ... 1
A. B. Herrick, '98.

Panama City, ... 3
M. Joseph, '15.
E. S. Moore (McKinney), '01.
C. M. Winn, '11.

Pennsylvania:

Altoona, ... 1
D. Williams, '02.

Archibald, ... 1
P. J. McDonnell, '08.

Bethlehem (South), ... 1
W. L. Estes, '09.

Bradford, ... 1
P. R. Straight, '06.

E. Berlin, ... 1
E. A. Miller, '12.

Erie, ... 2
B. S. Putts, '06.
T. P. Tredway, '10.

Greencastle, ... 1
T. H. Gilland, '11.

Hanover, ... 2
J. E. Meisenhelder, '02.
E. W. Stick, '09.

Harrisburg, ... 2
M. W. Emrick, '14.
R. F. L. Ridgway, '06.

Johnstown, ... 1
D. P. Ray, '07.

Lebanon, ... 1
G. R. Pretz, '09.

Newville, ... 1
P. W. McLaughlin, '07.

Philadelphia, ... 17
W. H. Blakeslee, '01.
D. Child, '14.
F. C. Child, '09.
J. H. Clarke, '15.
R. L. Engle, '10.
O. C. Foote, '12.
M. Herrington, '06.
S. D. Ludlum, '02.
B. B. V. Lyon, '07.
W. H. Michael, '13.
H. S. Newcomer, '15.
J. H. Oppenheimer, '08.
D. B. Pfeiffer, '06.
A. Randall, '07.
F. E. Shaffer, '14.
A. W. Tallant, '02.
L. Tuttle, '07.

Pittsburgh, ... 19
M. H. Baker, '10.
T. Baker, '04.
J. C. Baldwin, '15.
L. C. Bixler, '03.
A. A. Bornscheuer, '13.
W. E. Carson, '07.
R. J. Cary, '12.
B. Z. Cashman, '09.
I. Davis, '14.
H. B. Dornblaser, '14.
A. H. Eggers, '00.

C. W. W. Elkin, '13.
H. B. Gardner, '14.
C. C. Hartman, '11.
W. Marshall, '03.
R. T. Miller, '03.
J. S. Plumer, '14.
P. R. Sieber, '11.
R. R. Snowden, '11.

Pottsville, ... 1
M. B. Kingsbury, '06.

Reading, ... 1
C. R. Essick, '09.

Royersford, ... 1
H. Graber, '07.

Washington, ... 1
W. E. Hart, '09.

Wilkes-Barre, ... 1
S. D. Wyckoff, '99.

Wilkinsburg, ... 1
J. H. Whitcraft, '10.

Williamsport, ... 1
W. F. Derr, '15.

York, ... 3
C. H. May, '08.
E. W. Meisenhelder, '02.
L. S. Weaver, '04.

Philippine Islands:

Albay, ... 1
J. L. Robinson, '08.

Manila, ... 5
H. Beeuwkes, '06.
H. D. Bloombergh, '01.
P. K. Gilman, 05.
R. W. Hammack, '11.
A. W. Williams, '12.

Porto Rico:

San Juan, ... 1
L. E. Smith, '15.

Rhode Island:

Centredale, ... 1
M. S. Packard, '97.

Providence, ... 11
H. D. Clough, '15.
C. E. Connor, '14.
F. A. Coughlan, '08.
M. S. Danforth, '05.
O. A. Faust, '15.
F. T. Fulton, '99.
C. F. Graham, '13.
H. J. Hoye, '99.
J. A. McCann, '08.
W. D. Reddish, '13.
E. A. Stone, '00.

South Carolina:

Aiken, ... 1
E. S. Cross, '06.

Columbia, ... 3
E. Cooper, '10.
J. H. Gibbes, '12.
H. M. Smith, '01.

Greenville, ... 1
G. T. Tyler, Jr., '04.

Spartanburg, ... 1
R. M. Grimm, '08.

South Dakota:

Pierre, ... 1
T. F. Riggs, '03.

Yankton, ... 1
J. A. Wood, '12.

Tennessee:

Chatanooga, ... 1
H. Q. Fletcher, '09.

Knoxville, ... 1
W. T. de Sautelle, '11.

Memphis, ... 2
L. W. Haskell, '03.
R. E. Semmes, '10.

Nashville, ... 1
C. E. Brush, '03.

Texas:

Dallas, ... 1
W. J. Calvert, '98.

Corpus Christi, ... 1
J. D. Cohn, '11.

El Paso, ... 2
W. W. Waite, '06.
M. B. Wesson, '10.

Fort Sam Houston, ... 1
C. D. Cowles, '05.

Fort Worth, ... 2
F. C. Beall, '06.
K. H. Beall, '05.

Gainesville, ... 1
E. L. Gilcreest, '10.

Galveston, ... 1
H. L. McNeil, '11.

Memphis, ... 1
W. Wilson, '04.

San Antonio, ... 1
P. I. Nixon, '09.

Utah:

Salt Lake City, ... 1
A. J. Ridges, '08.

Vermont:

St. Johnsburg, ... 1
W. G. Ricker, '04.

Virginia:

Abingdon, ... 1
G. V. Litchfield, '02.

Charlottesville, ... 2
H. T. Marshall, '98.
S. H. Watts, '01.

Fairfax, ... 1
H. Fletcher, '00.

Gloucester, ... 1
L. E. Stubbs, '14.

Norfolk, ... 3
G. E. Chinn, '03.
J. M. Love, '04.
W. B. Newcomb, '10.

Olney, ... 1
W. F. Kellam, '06.

Richmond, ... 8
S. W. Budd, '09.
A. W. Freeman, 05.
W. H. Higgins, '08.
W. S. Keister, '14.
G. A. L. Kolmer, '13.
R. S. Preston, '08.
M. P. Rucker, '03.
D. Vanderhoof, '05.

Roanoke, ... 5
H. J. Hagan, '14.
B. E. Harrell, '14.
G. B. Lawson, '05.
H. R. McAllister, '12.
R. L. Rhodes, '10.

Washington:

Anacortes, ... 1
A. Shaw, '13.

Burlington, ... 1
L. S. Trask, '13.

Fort Flagler, ... 1
T. Lamson, '01.

Garfield, ... 1
G. M. MacGregor, '02.

Seattle, ... 7
C. F. Davidson, '07.
H. J. Davidson, '05.
I. B. Green, '07.
E. C. Gross, '11.
H. J. Knott, '11.
A. F. Mattice, '10.
M. Seagrave, '11.

Spokane, ... 1
H. H. Robinson, '10.

West Virginia:

Fairmont, ... 1
C. M. Ramage, '10.

Huntington, ... 1
W. R. Hudson, '11.

Morgantown, ... 1
J. N. Simpson, '02.

Parkersburg, ... 1
R. G. Werner, '15.

Stotesbury, ... 1
C. G. Merriam, '11.

Wheeling, ... 2
R. U. Drinkhard, '08.

Wisconsin:

Beloit, ... 1
E. B. Brown, '06.

Berlin, ... 1
A. J. Wiesender, '09.

Eau Claire, ... 1
H. F. Derge, '08.

Green Bay, ... 1
W. E. Leaper, '11.

Madison, ... 9

C. R. Bardeen, '97.
C. H. Bunting, '01.
P. M. Dawson, '98.
J. A. E. Eyster, '05.
H. S. Gasser, '15.
A. S. Loevenhart, '03.
N. O. Nelson, '04.
D. M. Reed (Mendenhall), '00.
C. M. Sweet (Bunting), '01.

Marshfield, ... 1

W. G. Sexton, '11.

Menomine, ... 1

A. Egdahl, '04.

Milwaukee, ... 11

C. A. Baer, '05.
P. H. Dernehl, '07.
F. J. Gaenslen, '03.
W. E. Grove, '08.
C. F. Hardy, '02.
A. C. Kissling, '11.
W. L. LeCron, '08.
J. D. Madison, '98.
L. M. Warfield, '01.
R. G. Washburn, '04.
J. L. Yates, '99.

Wyoming:

Sun Dance, ... 1

H. Jeidell, '12.

FOREIGN.

Arabia:

Kuwait, ... 1

P. W. Harrison, '08.

Austria:

Vienna, ... 1

M. S. Haynes (Leick), '02.

Belgium:

La Panne, ... 1

W. H. Morriss, '12.

Canada:

Montreal, ... 4

W. W. Francis, '02.
R. A. Morison, '15.
L. J. Rhea, '05.
D. N. Richards, '15.

Ymir, B. C., ... 1

G. E. Rehberger, '05.

China:

Changsha, ... 1

E. H. Hume, '01.

Chefoo, ... 1

R. W. Dunlap, '07.

Fenchow, ... 1

P. T. Watson, '07.

Haichow, ... 2

R. Bennet (Morgan), '04.
L. S. Morgan, '04.

Hwai Yuen, ... 1

A. G. Murdoch, '06.

Kiangyin, ... 1

F. R. Crawford, '11.

Nanking, ... 1

P. S. Evans, '99.

Peking, ... 2

A. E. Lee, '06.
C. W. Young, '03.

Shanghai, ... 1

H. S. Houghton, '05.

Swatow, ... 1

S. M. Grier (Lesher), '05.

England:

Paignton, ... 1

J. E. Stowers, '13.

France:

Pau, ... 1

M. H. Todd, '13.

Germany:

Berlin, ... 1

J. M. West, '01.

Freiburg, ... 1

R. D. Moyle, '14.

Italy:

Rome, ... 1

E. E. Hume, '13.

India:

Guntur, ... 1

E. B. Wolf, '12.

Wai, ... 1
R. Fairbanks (Beals), '00.

Persia:

Dautababad, ... 1
M. D. Allen (Zoeckler), '10.

Tabriz, ... 1
M. R. Fleming, '12.

Siam:

Chiengmai, ... 1
E. C. Cort, '07.

Scotland:

Edinburgh, ... 1
E. Bronson, '13.

Serbia:

Nishe, ... 2
F. O. W. Reinhard, '14.
J. J. S. Schmitt, '14.

Europe, ... 3
E. F. Ducasse, '14.
J. G. Fergusson, '14.
E. R. Wiese, '11.

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(June 1, 1914—August 1, 1915)

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OCTOBER						
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NOVEMBER						
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DECEMBER						
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1918

JANUARY						
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FEBRUARY						
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MARCH						
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APRIL						
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MAY						
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JUNE						
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JULY						
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AUGUST						
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CALENDAR, 1916-1917

1916.

October 3 (Tuesday)—Instruction begins. Twenty-fourth academic year.

November 30 (Thursday)—Thanksgiving Day. All classes suspended.

December 4 (Monday)—Instruction resumed.

December 23 (Saturday)—The Christmas Recess begins. (9 a. m.)

1917.

January 3 (Wednesday)—Instruction resumed.

February 22 (Thursday)—Commemoration Day. Public exercises at 11 a. m. All classes suspended.

April 5 (Thursday)—The Easter Recess begins.

April 12 (Thursday)—Instruction resumed.

May 1 (Tuesday)—Last day of application for Hopkins Scholarships for Maryland, North Carolina, and Virginia.

June 12 (Tuesday)—Commencement Day. Public exercises at 4 p. m.

September 28 (Friday)—Candidates for admission will assemble in the auditorium of the Physiological Building (East Monument and Washington streets), at 10 a. m.

October 2 (Tuesday)—Instruction resumed. Twenty--fifth academic year.

The Treasurer's office is in the Academic Building at Homewood, and is open daily from 9 a. m. to 4.15 p. m.

The office of the Registrar of the Medical Department is in the Physiological building, near the corner of East Monument and Washington Streets, and is open daily from 9 a. m. to 5 p. m.

For catalogue and general information, address the REGISTRAR OF THE MEDICAL DEPARTMENT, THE JOHNS HOPKINS UNIVERSITY, BALTIMORE, MARYLAND.

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John C. Thomas, *Treasurer*

FACULTY AND TEACHING STAFF*

FRANK JOHNSON GOODNOW, LL. D.

President of the University

A. B., Amherst College, 1879, and A. M., 1887; LL. B., Columbia University, 1882; LL.D., Amherst College, 1897, Columbia University, 1904, Harvard University, 1909; Brown University, 1914; Professor of Administrative Law, Columbia University, 1887-1914; Constitutional Adviser to the Chinese Government since 1913.

6 W. Madison St.

UNIVERSITY STAFF

PROFESSORS

WILLIAM HENRY WELCH, M. D., LL. D.

Baxley Professor of Pathology

A. B., Yale University, 1870; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1875; M. D. (Hon.), University of Pennsylvania, 1894; LL. D., Western Reserve University, 1894, Yale University, 1896, Harvard University, 1900, University of Toronto, 1903, Columbia University, 1904, Jefferson Medical College, 1907, Princeton University, 1910, and University of Chicago, 1916; Professor of Pathological Anatomy and General Pathology in the Bellevue Hospital Medical College, N. Y., 1879-84; Dean of the Medical Faculty, 1889-98; President of the National Academy of Sciences; President of the Board of Directors of the Rockefeller Institute for Medical Research; President of the American Association for the Advancement of Science, 1906; President of the American Medical Association, 1910-1911; *Pathologist to the Johns Hopkins Hospital.*

807 St. Paul St.

† HOWARD ATWOOD KELLY, M. D., LL. D., Hon. F. R. C. S.

Professor of Gynecology **

A. B., University of Pennsylvania, 1877, and M. D., 1882; LL. D., University of Aberdeen and Washington and Lee University, 1906, University of Pennsylvania, 1907; Associate Professor of Obstetrics, University of Pennsylvania, 1888-89; Professor of Gynecological Surgery in the Johns Hopkins University, 1889-99; Honorary Member, Royal Medical Society of Edinburgh; Associate Foreign Member, Society of Obstetrics, Gynecology and Pediatrics, and Chirurgical Society, Paris; Corresponding Member, Obstetrical Society, Leipzig; Fellow, British Gynecological Society; Hon. Fellow, Edinburgh Obstetrical Society, Royal College of Surgeons, Edinburgh, Glasgow Obstetrical and Gynecological Society, Royal Academy of Medicine (Ireland); Hon. Member, Italian Society of Obstetrics and Gynecology, Rome; *Gynecologist-in-Chief to the Johns Hopkins Hospital.*

1406 Eutaw Place

WILLIAM STEWART HALSTED, M. D., Sc. D., LL. D., Hon. F. R. C. S.

Professor of Surgery

A. B., Yale University, 1874; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1877; LL. D., Yale University, 1904, and University of Edinburgh, 1905; Sc. D., Columbia University, 1904; Foreign Corresponding Member, Harveian Society, London; Honorary Fellow, Royal College of Surgeons, England, 1900, Edinburgh, 1905; College of Surgeons of America, 1913; Membre Corresp. Etranger de la Societé de Chirurgie, Paris, 1909; Membre Titulaire de l'Association Francaise de Chirurgie, 1914; Ehrenmitglied der Deutsche Gesellschaft für Chirurgie, 1914; *Surgeon-in-Chief to the Johns Hopkins Hospital.*

1201 Eutaw Place

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* The names in the several groups are arranged in the order of appointment, and are corrected up to October 1, 1916.

† Absent on leave.

**This department is not yet organized upon the full University basis.

FRANKLIN PAINE MALL, M. D., Sc. D., LL. D.

Professor of Anatomy

M. D., University of Michigan, 1883; A. M. (Hon.), 1900, and Sc. D., 1908; LL. D., University of Wisconsin, 1904, and Washington University, 1915; Fellow, Johns Hopkins University, 1886-88, and Instructor in Pathology and Bacteriology, 1888-89; Adjunct Professor of Vertebrate Anatomy, Clark University, 1889-92; Professor of Anatomy, University of Chicago, 1892-93; Member of the National Academy of Sciences; Director of the Department of Embryology of the Carnegie Institution of Washington, D. C.; *Co-editor of the American Journal of Anatomy and of the Journal of Morphology.*

1514 Bolton St.

JOHN J. ABEL, M. D., Sc. D.

Professor of Pharmacology

Ph. B., University of Michigan, 1883, A. M. (Hon.), 1903, and Sc. D., 1912, and University of Pittsburgh, 1915; M. D., University of Strassburg, 1888; Lecturer and Professor of Materia Medica and Therapeutics, University of Michigan, 1890-93; Hon. Member, Philadelphia College of Pharmacy; Corresponding Member, K. K. Gesellschaft der Aertze, Vienna; Member of the National Academy of Sciences; *Editor of the Journal of Pharmacology and Experimental Therapeutics.*

Woodlawn, Windsor Mill Road

WILLIAM HENRY HOWELL, Ph. D., M. D., Sc. D., LL. D.

Professor of Physiology

A. B., Johns Hopkins University, 1881, Fellow, 1882-84, and Ph. D., 1884; LL. D., Trinity College (Conn.), 1901; Sc. D., Yale University, 1911; M. D. (Hon.), University of Michigan, 1890, LL. D., 1912; LL. D., Washington University, 1915; Assistant in Biology, 1884-85, Associate, 1885-88, and Associate Professor, 1888-89; Lecturer and Professor of Physiology and Histology, University of Michigan, 1889-92; Associate Professor of Physiology, Harvard University, 1892-93; Member of the National Academy of Sciences; Dean of the Medical Faculty, 1899-1911; *Associate Editor of the American Journal of Physiology.*

232 W. Lanvale St.

JOHN WHITRIDGE WILLIAMS, M. D., Sc. D., LL. D.,

*Professor of Obstetrics** and Dean.*

A. B., Johns Hopkins University, 1886; M. D., University of Maryland, 1888, and Sc. D. (Hon.), 1907, and University of Dublin, 1912; LL. D., University of Pittsburgh, 1915; Associate in Obstetrics, 1893-96; and Associate Professor, 1896-99; *Obstetrician-in-Chief to the Johns Hopkins Hospital.*

1128 Cathedral St.

WALTER JONES, Ph. D.

Professor of Physiological Chemistry

A. B., Johns Hopkins University, 1888, and Ph. D., 1891; Professor of Natural Science, Wittenberg College, 1891-92; Professor of Analytical Chemistry, Purdue University, 1892-95; Assistant in Physiological Chemistry and Toxicology, Johns Hopkins University, 1896-99; Associate, 1899-1901; Associate Professor, 1901-1908.

2621 St. Paul St.

**This department is not yet organized upon the full University basis.

ADOLF MEYER, M. D., LL. D.

Professor of Psychiatry **

Zürich Gymnasium, 1885; Swiss Staatsexamen, 1890; M. D., University of Zürich, 1892; LL. D., University of Glasgow, 1901, and Clark University, 1909; Honorary Fellow and Docent in Neurology, University of Chicago, 1892-95; Pathologist and Director of Clinical Work, Worcester (Mass.) Hospital for the Insane, and Docent in Psychiatry, Clark University, 1895-1902; Director of the Pathological (Psychiatric) Institute, New York State Hospitals, Ward's Island, 1902-1910; Professor of Psycho-Pathology, Cornell, 1904-1909; Consulting Alienist, City Detention Hospital, Bay View; *Psychiatrist-in-Chief to the Johns Hopkins Hospital.*

101 Edgevale Rd., Roland Park

JOHN HOWLAND, M. D.,

Professor of Pediatrics

A. B., Yale University, 1894, and A. M. (Hon.), 1914; M. D., New York University College of Medicine, 1897, and Cornell University, 1899; House Officer, Presbyterian Hospital, N. Y., 1897-1899, and N. Y. Foundling Hospital, 1899-1900; Pathologist and Assistant Attending Pediatrician, N. Y. Foundling Hospital, 1902-1911; Pediatrician in charge of Children's Clinic, Bellevue Hospital, 1909-1911; Instructor and Associate in Pediatrics, Columbia University; Professor of Pediatrics, Washington University, St. Louis, 1911-1912; Editor, American Journal Diseases of Children; Member of Council of Pharmacy and Chemistry, A. M. A.; Consulting Pediatrician, City Hospital, Bay View; *Director of the Harriet Lane Home and Pediatrician-in-Chief to the Johns Hopkins Hospital.*

Oak St. and Mallory Lane

WARREN HARMON LEWIS, M. D.

Professor of Physiological Anatomy

S. B., University of Michigan, 1894, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor and Associate Professor of Anatomy, 1900-1913; *Co-Editor of The Anatomical Record.*

500 Hawthorne Road

THEODORE CALDWELL JANEWAY, M. D., Sc. D.

Professor of Medicine

Ph. B., Yale University, 1892, and A. M. (Hon.), 1912; M. D., Columbia University, 1895; and Bard Professor of the Practice of Medicine, 1909-14; Sc. D. (Hon.), Washington University, 1915; Visiting Physician, City Hospital, N. Y., 1902-1911; Visiting Physician, St. Luke's Hospital, 1905-1911; Visiting Physician, Presbyterian Hospital, 1911-1914; Member of Board of Directors, Rockefeller Institute for Medical Research; Secretary, Russell Sage Institute of Pathology; Member of Editorial Board of Archives of Internal Medicine; *Physician-in-Chief, The Johns Hopkins Hospital.*

714 St. Paul St.

WILLIAM OSLER, M. D., LL. D., D. C. L., F. R. S.

Honorary Professor of the Principles and Practice of Medicine

M. D., McGill University, 1872; LL. D., McGill, 1895, Aberdeen, 1898, Toronto, 1899, Yale, 1901, Harvard, 1904, Johns Hopkins, 1905; D. C. L., Edinburgh, 1898, Trinity (Toronto), 1902; M. D. (Hon.), Oxford, 1905; D. Sc., Dublin, 1912; Fellow of the Royal Society of London; Fellow of the Royal College of Physicians, London; Professor of the Institutes of Medicine, McGill University, 1874-84; Professor of Clinical Medicine, University of Pennsylvania, 1884-89; Dean of the Medical Faculty, 1898-99; Professor of the Principles and Practice of Medicine, 1889-1905; Physician-in-Chief, the Johns Hopkins Hospital, 1889-1905; Regius Professor of Medicine, University of Oxford.

Oxford, England

** This department is not yet organized upon the full University basis.

HENRY MILLS HURD, M. D., LL. D.

Professor Emeritus of Psychiatry

A. B., University of Michigan, 1863, M. D., 1866, A. M., 1870, and LL. D., 1895; Professor of Psychiatry, Johns Hopkins University, 1889-1906; Superintendent of the Eastern Michigan Hospital, 1878-89; Superintendent of the Johns Hopkins Hospital, 1889-1911; Editor of the Johns Hopkins Hospital Bulletin and of the Johns Hopkins Hospital Reports, 1889-1911; Editor of the American Journal of Insanity; *Secretary, the Johns Hopkins Hospital.*

1023 St. Paul St.

ASSOCIATE PROFESSORS

FLORENCE RENA SABIN, M. D., Sc. D.

Associate Professor of Anatomy

S. B., Smith College, 1893, Sc. D., 1910, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor and Associate in Anatomy, 1902-1905; Resident House Officer, 1900-1901; Holder of Woman's Fellowship in Anatomy, 1901-1902; *Co-Editor of The Anatomical Record.*

1325 Park Av.

WILLIAM WEBBER FORD, M. D., D. P. H.

Associate Professor of Hygiene and Bacteriology and Lecturer in Legal Medicine

A. B., Adelbert College, 1893; M. D., Johns Hopkins University, 1898; Instructor, Associate, and Associate Professor of Bacteriology, 1904-1910; D. P. H., McGill University, 1900 and Fellow in Pathology, 1899-1901; Resident House Officer, Johns Hopkins Hospital, 1898-99; Fellow, Rockefeller Institute for Medical Research, 1901-02; Institute for Infectious Diseases, Berlin, 1901-1902, and Johns Hopkins University 1902-1903.

1027 Cathedral St.

MAX BROEDEL

Associate Professor of Art as Applied to Medicine

Academy of Arts, Leipzig, 1885-90; Illustrator, University of Leipzig, 1890-1894; Instructor in Art as Applied to Medicine, Johns Hopkins University, 1905-1906.

320 Suffolk St., Guilford

DONALD RUSSELL HOOKER, M. D.

Associate Professor of Physiology

A. B., Yale University, 1899, M. S., 1901; M. D., Johns Hopkins University, 1905; Graduate Student, University of Berlin, 1905-1906; Assistant, Instructor and Associate in Physiology, 1906-1910; Managing Editor, American Journal of Physiology.

Upland, Roland Park

CHARLES DAVID SNYDER, Ph. D.

Associate Professor of Physiology

A. B., Leland Stanford, Jr. University, 1896; M. S., and Ph. D., University of California, 1904 and 1905; Holder of Columbia University Table at Zoölogical Station, Naples, 1906; Medical Student, Universities of Berlin and München, 1906-1908; Fellow, Instructor and Associate in Physiology, Johns Hopkins University, 1907-1911.

730 Wyndhurst Ave., Roland Pk.

EDWARDS A. PARK, M. D.

Associate Professor of Pediaterics

A. B., Yale, 1900, and M. D., College of Physicians and Surgeons (N. Y.), 1905; Resident Physician, Roosevelt Hospital, 1905-07, and New York Foundling Hospital, 1907-08; Instructor in Medicine and Pediatrics, and Proudfit Fellow in Medicine, College of Physicians and Surgeons (N. Y.), 1909-12; *Pediatrician in charge, Dispensary, and Associate Pediatrician, the Johns Hopkins Hospital.*

The Cecil

CHARLES MACFIE CAMPBELL, M. D.

Associate Professor of Psychiatry

A. M., University of Edinburgh, 1897, and B. Sc., 1900, M. B. Ch. B., 1902, and M. D., 1911; Member of Royal College of Physicians of Edinburgh, 1908; Associate in Clinical Psychiatry, Psychiatric Institute, New York, 1908-1911; Instructor in Psychopathology, Cornell University Medical School, 1910-1913; First Assistant in Bloomingdale Hospital, New York, 1911-13; *Psychiatrist in charge, Dispensary, and Associate Psychiatrist, the Johns Hopkins Hospital.*

26 Talbot Rd., Windsor Hills

HERMAN O. MOSENTHAL, M. D.

Associate Professor of Medicine

A. B., Columbia College, 1899; M. D., Columbia University, 1903; Interne, New York Hospital, 1904-1906; Interne, New York Foundling Hospital, 1906-07; Assistant Instructor, Associate in Biological Chemistry, Columbia University, 1909-1914; Assistant, Instructor and Associate in Medicine, *ibid.*, 1910-1914; *Physician in charge, Dispensary, and Associate Physician, Johns Hopkins Hospital.*

1501 Mt. Royal Av.

MILTON CHARLES WINTERNITZ, M. D.

Associate Professor of Pathology

A. B., Johns Hopkins University, 1903, M. D., 1907, Fellow in Pathology, 1907-1908; Assistant, Instructor and Associate in Pathology, 1908-1914; Assistant Resident Pathologist, the Johns Hopkins Hospital, 1910-1913; Pathologist, City Hospitals.

Delaware and Carroll Rds, Windsor Hills

PAUL WISWALL CLOUGH, M. D.

Associate Professor of Medicine

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Assistant, Instructor and Associate in Medicine, 1908-1916; Resident House Officer, Assistant Resident and Resident Physician and Medical Adviser to Students, 1907-1916; *Associate Physician, the Johns Hopkins Hospital.*

Guilford

CLYDE GRAEME GUTHRIE, M. D.

Associate Professor of Medicine

A. B., Lafayette College, 1903; M. D., Johns Hopkins University, 1907; Assistant, Instructor and Associate in Medicine, 1908-1916; Resident House Officer and Resident Physician in charge of Private Wards, 1907-1916; *Associate Physician, in charge of Clinical Laboratory.*

16 E. Biddle St.

GEORGE JULIUS HEUER, M. D.

Associate Professor of Surgery

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Instructor and Associate in Surgery, 1912-1916; Resident House Officer, Assistant Resident and Resident Surgeon, 1907-1914; *Associate Surgeon, the Johns Hopkins Hospital.*

16 E. Biddle St.

ALLEN KRAMER KRAUSE, M. D.

Associate Professor of Medicine

A. B., Brown University, 1901, and A. M., 1902; M. D., Johns Hopkins University, 1907; Assistant and Instructor in Pathology, 1907-1909; Assistant, and Assistant Director, Saranac Laboratory for Study of Tuberculosis, 1909-1916; Instructor, Trudeau School of Tuberculosis; *Physician in charge, Phipps Tuberculosis Dispensary; Assistant Physician.*

1017 N. Calvert St.

ASSOCIATES

ELI KENNERLY MARSHALL, Jr., Ph. D.

Associate in Pharmacology

S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911; Assistant and Associate in Physiological Chemistry, 1912-14.

33 E. Mt. Vernon Place

EDMUND VINCENT COWDRY, Ph. D.

Associate in Anatomy

A. B., University of Toronto, 1909; Ph. D., University of Chicago, 1912; Technical Assistant, 1909; Fellow, Assistant, and Associate in Anatomy, 1910-13.

2024 E. 31st St.

PAUL DUDLEY LAMSON, M. D.

Associate in Experimental Therapeutics

A. B., Harvard, 1905, and M. D., 1909; Medical House Officer, Massachusetts General Hospital, Boston, 1909-1911; Sheldon Travelling Fellowship, 1911-1913; Lecture Assistant in Pharmacology, University of Würzburg; Pharmacological Laboratory University College, London University; Assistant Resident Physician, Peter Bent Brigham Hospital, Boston, 1913-1914; Assistant in Experimental Therapeutics, 1914-1915.

Winona Apts., Park Ave. & Monument St.

WILLIAMS McKIM MARRIOTT, M. D.

Associate in Pediatrics

S. B., University of North Carolina, 1904; M. D., Cornell University, 1910; Assistant in Chemistry, University of North Carolina, 1903-04; Assistant in Biochemistry, Cornell University Medical School, 1904-06; Tutor in Chemistry, College of the City of New York, 1909; Instructor in Biological Chemistry, Washington University Medical School, St. Louis, 1910-1914; Instructor in Pediatrics, 1913-1915; *Assistant Dispensary Physician and Assistant Pediatrician, the Johns Hopkins Hospital.*

2433 Guilford Ave.

LEWIS HILL WEED, M. D.

Associate in Anatomy

A. B., Yale University, 1908 and M. A., 1909; M. D., Johns Hopkins University, 1912; Instructor in Anatomy, 1914-1915; in Charge of the Laboratory of Surgical Research, Harvard, 1912-1913; Arthur Tracy Cabot Fellow, Harvard, 1913-1914.

The Latrobe

MONTROSE THOMAS BURROWS, M. D.

Associate in Pathology

A. B., University of Kansas, 1905; M. D., Johns Hopkins University, 1909; Assistant, Rockefeller Institute for Medical Research, New York, 1909-1911; Instructor in Anatomy, Cornell Medical School, New York, 1911-1915; *Acting Resident Pathologist.*

The Johns Hopkins Hospital

EMIL GOETSCH, M. D.

Associate in Surgery

S. B., University of Chicago, 1903, and Ph. D., 1906; Fellow Assistant and Associate in Anatomy, *ibid,* 1904-1908; Research Assistant, Department of Experimental Therapeutics, *ibid,* 1908 and 1909; Assistant in Surgery, 1909-1910; Assistant Resident Surgeon, 1910-1912; Resident Surgeon, Peter Bent Brigham Hospital, and Assistant in Surgery, Harvard Medical School, Boston, 1912-1915; *Associate Surgeon.*

718 N. Howard St.

DAVID MELVIN DAVIS, M. D.

Associate in Urology

S. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Interne, City Hospital, Bay View, 1911-1912; Assistant in Pathology, and Instructor in Urology, 1913-1916; *Assistant in Urology, The Johns Hopkins Hospital.*

709 St. Paul St.

PAUL GALPIN SHIPLEY, M. D.

Associate in Anatomy

M. D., Yale University, 1913; Assistant and Instructor in Anatomy, Johns Hopkins University, 1913-1916.

2001 E. 31st St.

DAVID WRIGHT WILSON, Ph. D.

Associate in Physiological Chemistry

S. B., Grinnell College, 1910; Ph. D., Yale University, 1914; Assistant in Physiological Chemistry, 1914-1916.

CHARLES AUGUST ROUILLER, Ph. D.

Associate in Pharmacology (Rockefeller Grant)

A. B., Leland Stanford Junior University, 1903; Ph. D., Johns Hopkins University, 1906; Assistant, Rockefeller Institute, 1906-1907; Assistant in Chemistry, Johns Hopkins University.

Buck's Lane, West Arlington

INSTRUCTORS

THOMAS PECK SPRUNT, M. D.

Instructor in Medicine

A. B., Davidson College, 1903; M. D., Johns Hopkins University, 1909; Assistant, Instructor and Associate in Pathology, 1909-1913; Assistant Resident Physician, 1913-1915; Resident Physician, City Hospital, Bay View, 1915-1916; *Resident Physician in charge of Private Wards.*

The Johns Hopkins Hospital

KENNETH DANIEL BLACKFAN, M. D.

Instructor in Pediatrics

M. D., Albany Medical College, 1905; Pathologist, Albany Hospital, and Bacteriologist to Bender Laboratory, Albany, N. Y., 1905-1906; Resident Pediatrician, St. Louis Children's Hospital, 1911-1912; *Resident Pediatrician.*

The Johns Hopkins Hospital

EVERETT DUDLEY PLASS, M. D.

Instructor in Obstetrics

A. B., Colgate University, 1907; M. D., Johns Hopkins University, 1911; Assistant, in Obstetrics, 1912-1914; Resident House Officer, and Assistant Resident Obstetrician, 1911-1914; *Assistant Visiting Obstetrician, the Johns Hopkins Hospital.*

Y. M. C. A.

WALTER EDWARD DANDY, M. D.

Instructor in Surgery

A. B., University of Missouri, 1907; M. D., Johns Hopkins University, 1910, and A. M., 1911; *Resident Surgeon.*

The Johns Hopkins Hospital

MONT ROGERS REID, M. D.

Instructor in Surgery

A. B., Roanoke College, 1908; M. D., Johns Hopkins University, 1912; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

ARTHUR LEONARD BLOOMFIELD, M. D.

Instructor in Medicine

A. B., Johns Hopkins University, 1907, and M. D., 1911; Resident House Officer, and Assistant Resident Physician, 1911-1916; Assistant in Medicine, 1912-1915; *Resident Physician and Medical Adviser to Students.*

The Johns Hopkins Hospital

EVELETH WILSON BRIDGMAN, M. D.

Instructor in Medicine

A. B., Johns Hopkins University, 1908, and M. D., 1912; Resident House Officer, 1912-1913; Assistant in Medicine, 1913-1915; *Dispensary Physician and Assistant Resident Physician.*

1707 Park Ave.

CHARLES ADAM LAUBACH, M. D.

Instructor in Hygiene and Bacteriology

S. B., Muhlenburg College, 1909; M. D., Johns Hopkins University, 1913; Assistant in Hygiene and Bacteriology, 1913-1915.

3104 Walbrook Av.

CHARLES CLIFFORD MACKLIN, M. B.

Instructor in Anatomy

James H. Richardson Fellow in Anatomy, University of Toronto, 1912-1913; M. B., University of Toronto, 1914; Assistant in Anatomy, 1914-1915.

1807 N. Caroline St.

HENRY CHRISTIAN SCHMEISSER, M. D., PH. D.

Instructor in Pathology

A. B., Johns Hopkins University, 1908, and M. D., 1912; Ph. D., 1914; Fellow and Assistant in Pathology, 1912-1915.

The Homewood

JAMES LAWDER GAMBLE, M. D.

Instructor in Pediatrics

A. B., Leland Stanford, Jr., University, 1906; M. D., Harvard Medical School, 1910; House Officer, Massachusetts General Hospital, 1910-1912, and Boston Children's Hospital, 1912-1913; *Assistant Dispensary Physician, the Johns Hopkins Hospital.*

709 St. Paul St.

SAMUEL GOLDSCHMIDT, PH. D.

Instructor in Pathology

S. B., Yale University, 1911, and Ph. D., 1914; Fellow, University of Pennsylvania, 1914-1915.

33 E. Mt. Vernon Place

WARREN RICHARDS SISSON, M. D.

Instructor in Pediatrics

A. B., Colgate University, 1906; M. D., Johns Hopkins University, 1912; House Officer, Massachusetts General Hospital, 1912-13, and Peter Bent Brigham Hospital, 1913-14; Resident Pathologist, *ibid.*, 1914-1915; Instructor in Pathology, Harvard Medical School, 1914-1915; *Assistant Dispensary Physician.*

718 N. Howard St.

CHARLES ALEXANDER WATERS, M. D.

Instructor in Roentgenology

M. D., University of Maryland, 1911; *Assistant Roentgenologist, the Johns Hopkins Hospital.*

1100 N. Charles St.

JOHN ARCHIBALD CAMPBELL COLSTON, M. D.

Instructor in Urology

Ph. B., Yale University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer and Assistant Resident Surgeon, 1911-1914; *Dispensary Urologist, the Johns Hopkins Hospital.*

1016 St. Paul St.

ROGER PUTNAM BATCHELOR, M. D.

Instructor in Surgery

A. B., University of Wisconsin, 1911; M. D., Johns Hopkins University, 1915; Assistant in Surgery, 1915-1916; *Externe in Surgery, the Johns Hopkins Hospital.*

1705 Fairmount Av.

STANHOPE BAYNE-JONES, M. D.

Instructor in Pathology

A. B., Yale University, 1910; Medical Student, Tulane University, 1910-1911; Summer Quarter, University of Chicago, 1911; M. D., Johns Hopkins University, 1914; Resident House Officer, 1914-1915; Rockefeller Fellow in Pathology and Assistant Resident Pathologist, 1915-1916; *Assistant Resident Pathologist.*

The Johns Hopkins Hospital

ADMONT HALSEY CLARK, M. D.

Instructor in Pathology

A. B., Oberlin College, 1910; M. D., Johns Hopkins University, 1915; Assistant in Pathology, 1915-1916; *Assistant Resident Pathologist.*

The Johns Hopkins Hospital

ROBERT SIDNEY CUNNINGHAM, M. D.

Instructor in Anatomy

S. B. and A. M., Davidson College, 1911; M. D., Johns Hopkins University, 1915; Assistant in Anatomy, 1915-1916.

2012 E. 31st St.

DANIEL DAVIS, M. D.

Instructor in Obstetrics

A. B., Harvard University, 1909; M. D., Johns Hopkins University, 1913; Assistant in Physiology and in Obstetrics, 1913-1916; Interne, Dispensary and Assistant Resident Obstetrician, the Johns Hopkins Hospital, 1914-1916; *Obstetrician in charge of Dispensary and Resident Obstetrician.*

The Johns Hopkins Hospital

WILLIAM ARCHIBALD FRONTZ, M. D.

Instructor in Urology

A. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer and Resident Urologist, 1911-1916; Assistant in Urology, 1915-1916; *Dispensary Urologist and Assistant Urologist.*

The Johns Hopkins Hospital

ERNEST GEORGE GREY, M. D.

Instructor in Surgery

A. B., University of Wisconsin, 1907; Assistant in Anatomy and Student of Medicine, *ibid.*, 1907-1908; M. D., Johns Hopkins University, 1911; Resident House Officer, 1911-1912; Assistant Resident Surgeon, Peter Bent Brigham Hospital, Boston, 1912-1916.

The Johns Hopkins Hospital

NORMAN MACDONNELL KEITH, M. D.

Instructor in Medicine

A. B., University of Toronto, 1908; M. D., Johns Hopkins University, 1911; Assistant in Medicine, 1913-1916; Interne, N. Y. Hospital, 1911-13; *Assistant in Urology, The Johns Hopkins Hospital.*

ROBERT LOUIS LEVY, M. D.,

Instructor in Medicine

A. B., Yale University, 1909; M. D., Johns Hopkins University, 1913; Assistant in Medicine, 1914-1916; Resident House Officer, 1913-1914; *Assistant Resident Physician.*

The Johns Hopkins Hospital

GROVER FRANCIS POWERS, M. D.

Instructor in Pediatrics

S. B., Purdue University, 1908; M. D., Johns Hopkins University, 1913; Resident House Officer, Assistant Resident Pediatrician and Assistant Dispensary Physician, 1913-1916; *Pediatrician in charge of Dispensary.*

The Johns Hopkins Hospital

WALTER RICHARD HOLMES, Jr., M. D.

Instructor in Gynecology

A. B., University of Georgia, 1909; M. D., Johns Hopkins University, 1913; Resident House Officer and Assistant Resident, 1913-1916; *Resident Gynecologist.*

The Johns Hopkins Hospital

ASSISTANTS

MARJORIE DIETZ BATCHELOR, M. D.

Assistant in Medicine

A. B., Wellesley College, 1907; M. D., Johns Hopkins University, 1915; *Dispensary Laboratory, The Johns Hopkins Hospital.*

1705 Fairmount Av.

MILDRED CLARK, M. D.

Assistant in Medicine

A. B., Wellesley College, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer, Assistant Resident Physician, Johns Hopkins Hospital, 1914-1916; *Biological Laboratory.*

The Johns Hopkins Hospital

ROSCOE WILLIS HALL, M. D.

Assistant in Psychiatry

Ph. B., Dickinson College, 1908; M. D., Johns Hopkins University, 1912; Interne, City Hospital, Bay View, 1912-1913; Assistant Resident and Assistant Dispensary Psychiatrist, 1913-1915; *Dispensary Psychiatrist and Resident Psychiatrist.*

The Johns Hopkins Hospital

SAMUEL SHELTON WATKINS, M. D.

Assistant in Laryngology

A. B., Central University of Kentucky, 1908; M. D., Johns Hopkins University, 1914; Interne, Church Home and Infirmary, 1914; Assistant Superintendent, Peter Bent Brigham Hospital, 1914-1915; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

HAROLD LEONARD HIGGINS, A. B.

Assistant in Pediatrics

A. B., Harvard University, 1907; Instructor in Chemistry, Swarthmore College, 1907-1908; Physiologist, Carnegie Nutrition Laboratory, Boston, 1908-1915.

1702 N. Broadway

ALMA HILLER, S. B.

Assistant in Medicine

S. B., Carnegie Institute of Technology, 1914; Graduate Student and Student Assistant in Physiology and Chemistry, *ibid.*, 1914-1915; Graduate Student, Harvard Summer School, 1915; *Chemical Laboratory.*

102 Jackson Pl.

MARION F. HARALSON, M. D.

Assistant in Bacteriology and Hygiene

S. B., University of Mississippi, 1911; M. D., University of Virginia, 1915.

806 N. Broadway

CARL BINGER, M. D.

Assistant in Pharmacology

A. B., Harvard University, 1910, and M. D., 1914; Assistant in History of Science, Harvard University, 1914; Interne, Mass. Gen. Hospital, 1914-1915; Sheldon Fellowship in Medicine, Harvard University, 1915-1916.

33 E. Mt. Vernon Place

H. HAYS BULLARD, M. D.

Assistant in Pathology

A. B., University of Missouri, 1908, and A. M., 1909; Ph. D., Tulane University, 1912; M. D., Johns Hopkins University, 1916.

2534 Harford Ave.

JONATHAN EDWARD BURNS, Jr., M. D.

Assistant in Urology

A. B., University of Virginia, 1904; M. D., Johns Hopkins University, 1908; Interne, Union Protestant Infirmary, 1908-1909; Assistant Resident and Dispensary Urologist, 1914-1916; *Resident Urologist.*

The Johns Hopkins Hospital

JAMES JULIAN CHISOLM, M. D.

Assistant in Laryngology

A. B., Princeton University, 1911; M. D., Johns Hopkins University, 1916; *Assistant Dispensary Laryngologist.*

The Johns Hopkins Hospital

SAMUEL WALCOTT CLAUSEN, M. D.

Assistant in Medicine

A. B., Williams College, 1910; Graduate Student, Princeton University, 1910-1911; M. D., Johns Hopkins University, 1915; Resident House Officer, 1915-1916; *Assistant Resident Physician.*

The Johns Hopkins Hospital

STANLEY COBB, M. D.

Assistant in Physiology and Psychiatry

M. D., Harvard University, 1914; Interne, Peter Bent Brigham Hospital, 1915-1916.

206 E. Chase St.

WILLIAM CORE DUFFY, M. D.

Assistant in Surgery

A. B., Wake Forest College, 1910; M. D., Johns Hopkins University, 1914; Interne, City Hospital, Bay View, 1914-1915; Assistant in Pathology, 1915-1916; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

DU MONT F. ELMENDORF, M. D.

Assistant in Orthopedic Surgery

A. B., Rutgers College, 1911; M. D., Johns Hopkins University, 1915; Interne, Children's Hospital School, 1915-1916; *Assistant Dispensary Surgeon.*

The Johns Hopkins Hospital

FRANK ALEXANDER EVANS, M. D.

Assistant in Medicine

A. B., Washington and Jefferson College, 1910, and A. M., 1914; M. D., Johns Hopkins University, 1914; Resident House Officer, 1914-1915; Assistant Resident Pathologist, Presbyterian Hospital, New York, 1915-1916; *Assistant Resident Physician.*

The Johns Hopkins Hospital

LLOYD DERR FELTON, M. D.

Assistant in Pathology

A. B., Wooster University, 1910; Graduate Student, Columbia University, 1910-1911; M. D., Johns Hopkins University, 1916; *Externe in Pathology, the Johns Hopkins Hospital.*

1601 N. Broadway

RAYMOND GARRISON HUSSEY, M. D.

Assistant in Pathology

M. D., University of Maryland, 1911; Resident Pathologist, Bay View.

City Hospital, Bay View

LINDE BARTELS LANGE, M. D.

Assistant in Medicine

A. B., Bryn Mawr College, 1903; M. D., Johns Hopkins University, 1911; Interne, N. Y. Infirmary for Women and Children, 1911-12; Fellow in Pathology, Rockefeller Institute, 1912-1914; Pathologist, H. A. Kelly Hospital, 1914-1915; Instructor in Pathology, University of Wisconsin, 1915-1916; *Laboratory of Phipps Tuberculosis Dispensary.*

233 W. Preston St.

JOSEPH SELL LAWRENCE, M. D.

Assistant in Bacteriology and Hygiene

A. B., Franklin and Marshall College, 1904, and A. M., 1912; M. D., Johns Hopkins University, 1916.

810 N. Broadway

JOHN CUSHMAN LYMAN, M. D.

Assistant in Pathology

S. B., Whitman College, 1909; M. D., Johns Hopkins University, 1913; Interne, Union Protestant Infirmary, 1913-1914; Resident Physician, Hebrew Hospital, 1914-1916; *Assistant Resident Pathologist.*

The Johns Hopkins Hospital

CHARLES LEE McCARTHY, M. D.

Assistant in Laryngology

S. B., Princeton University, 1912; M. D., Johns Hopkins University, 1916; *Assistant Dispensary Laryngologist.*

The Johns Hopkins Hospital

JOHN GARDNER MURRAY, Jr., M. D.

Assistant in Obstetrics

A. B., Johns Hopkins University, 1911, and M. D., 1915; Resident House Officer and Assistant Dispensary Obstetrician, 1915-1916; *Assistant Resident Obstetrician.*

The Johns Hopkins Hospital

CLARENCE ADOLPH NEYMANN, M. D.

Assistant in Psychiatry

A. B., Harvard University, 1909; M. D., University of Heidelberg, 1915; *in charge of Laboratory of Internal Medicine, Phipps Psychiatric Clinic.*

The Johns Hopkins Hospital

JOHN WILLIAM PIERSON, M. D.

Assistant in Roentgenology

M. D., University of Maryland, 1905; *Assistant Roentgenologist, the Johns Hopkins Hospital.*

2713 N. Calvert St.

HENRY BARBER RICHARDSON, M. D.

Assistant in Medicine

A. B., Harvard University, 1910, and M. D., 1914; House Officer, Peter Bent Brigham Hospital, 1915-1916.

902 St. Paul St.

VIRGIL PRESTON WILLIS SYDENSTRICKER, M. D.
Assistant in Medicine

A. B., Washington and Lee University, 1910, and A. M., 1911; M. D., Johns Hopkins University, 1915; Resident House Officer, 1915-1916; *Assistant Resident Physician.*

The Johns Hopkins Hospital

GEORGE BERNAYS WISLOCKI, M. D.
Assistant in Anatomy

A. B., Washington University (St. Louis), 1912; M. D., Johns Hopkins University, 1916.

1113 N. Caroline St.

C. VERNON LYNCH, A. B.
Lecture Assistant

A. B., Johns Hopkins University, 1914; Graduate Student, *ibid.*, 1914-16.

2645 N. Charles St.

HORACE GRAY, M. D.,
Voluntary Assistant in Medicine

A. B., Harvard University, 1909, and M. D., 1914. 8 E. Read St.

NATHAN WORTH BROWN, M. D.
Voluntary Assistant in Medicine

S. B., Denison University, 1900; M. D., Western Reesrve University, 1903; Resident Physician, Charity Hospital, Cleveland, 1903-1905; Visiting Physician, St. Vincent's Hospital, Toledo, 1907-1909; Visiting Physician, University Hospital, Nanking, 1912-; Prof. of Clinical Medicine, University of Nanking Medical School, 1913-.

1226 N. Calvert St.

CLINICAL STAFF

PROFESSORS

LEWELLYS FRANKLIN BARKER, M. D., LL. D.
Professor of Clinical Medicine

M. B., University of Toronto, 1890, and M. D. (Hon.), 1905; LL. D., Queen's University, 1908, and McGill University, 1911; House Officer, Toronto General Hospital, 1890-91; Assistant Resident Physician, Assistant Resident and Resident Pathologist and Physician-in-Chief, the Johns Hopkins Hospital, 1891-1900, and 1905-1914; Fellow in Pathology, Johns Hopkins University, 1892-94, Associate in Aanatomy, 1894-97, Associate Professor of Anatomy, 1897-99, and Associate Professor of Pathology, 1899-1900, and Professor of Medicine, 1905-1914; Professor and Head of the Department of Anatomy, University of Chicago, 1900-04, and Professor of Medicine, Rush Medical College, 1904-05; *Visiting Physician, the Johns Hopkins Hospital.*

1035 N. Calvert St.

WILLIAM SYDNEY THAYER, M. D., LL. D., Hon. F. R. C. P. I.
Professor of Clinical Medicine

A. B., Harvard University, 1885, and M. D., 1889; LL. D., Washington College, 1907; Honorary Fellow, Royal College of Physicians of Ireland, 1912; Resident Physician, Johns Hopkins Hospital, 1891-1898; Associate in Medicine, 1899-1905, and Associate Physician, 1905-14; Associate and Associate Professor of Medicine, Johns Hopkins University, 1895-1905; *Visiting Physician, the Johns Hopkins Hospital.*

406 Cathedral St.

JOHN MILLER TURPIN FINNEY, M. D.

Professor of Clinical Surgery

A. B., Princeton University, 1884; M. D., Harvard University, 1888; Surgeon to the Union Protestant Infirmary; Associate and Associate Professor of Surgery, Johns Hopkins University, 1893-1912; Associate in Surgery, 1891-1912, and Associate Surgeon, 1912-1914; *Visiting Surgeon, the Johns Hopkins Hospital.*

1300 Eutaw Place

CLINICAL PROFESSORS

SAMUEL THEOBALD, M. D.

Clinical Professor of Ophthalmology

M. D., University of Maryland, 1867; Surgeon to the Baltimore Eye, Ear and Throat Charity Hospital, and Consulting Surgeon, South Baltimore Eye, Ear, Nose and Throat Hospital; *Ophthalmologist in charge Dispensary, and Visiting Ophthalmologist, the Johns Hopkins Hospital.*

968 N. Howard St.

HENRY M. THOMAS, M. D.

Clinical Professor of Neurology

M. D., University of Maryland, 1884; A. M. (Hon.), Johns Hopkins University, 1902; Consulting Neurologist, City Hospital, Bay View; *Neurologist in charge, Dispensary, and Visiting Neurologist, the Johns Hopkins Hospital.*

1228 Madison Av.

JERE WILLIAMS LORD, M. D.

Clinical Professor of Dermatology

A. B., Johns Hopkins University, 1884; M. D., University of Pennsylvania, 1887; *Dermatologist in charge, Dispensary, and Visiting Dermatologist, the Johns Hopkins Hospital.*

1011 N. Charles St.

THOMAS CASPAR GILCHRIST, M. D., M. R. C. S., L. S. A. (Eng.)

Clinical Professor of Dermatology

M. R. C. S., and L. S. A., London, 1887; M. D. (Hon.), University of Maryland, 1907; President and Vice-Pres. American Dermatological Association, 1905-1909; Corresponding Member, Berliner Dermatologische Gesellschaft; Honorary Member of the Society of Dermatology and Syphilis of Italy; *Dermatologist in charge, Dispensary, and Visiting Dermatologist, the Johns Hopkins Hospital.*

330 N. Charles St.

HENRY JOHNS BERKLEY, M. D., Sc. D.

Clinical Professor of Psychiatry

M. D., University of Maryland, 1881; D. Sc. (Hon), 1907; Consulting Neurologist, St. Joseph's Hospital; Visiting Physician, City Detention Hospital, Bay View.

1305 Park Av.

HUGH HAMPTON YOUNG, M. D.

Clinical Professor of Urology

A. B. and A. M., University of Virginia, 1893, and M. D., 1894; Assistant Resident Surgeon, 1895-98; Associate in Surgery, the Johns Hopkins Hospital, 1898-1914; Instructor, Associate and Associate Professor in Genito-Urinary Surgery, Johns Hopkins University, 1893-1914; *Visiting Urologist, the Johns Hopkins Hospital.*

330 N. Charles St.

WILLIAM DAVID BOOKER, M. D.

Clinical Professor Emeritus of Pediatrics

M. D., University of Virginia, 1867; Visiting Physician, St. Agnes Hospital, 1894-95; Physician in charge of the Thomas Wilson Sanitarium, Baltimore, 1881-98; Clinical Professor of Pediatrics, Johns Hopkins University, 1889-1909; Associate in Pediatrics, the Johns Hopkins Hospital and Dispensary, 1889-1909.

208 W. Monument St.

ASSOCIATE PROFESSORS

WILLIAM WOOD RUSSELL, M. D.

Associate Professor of Clinical Gynecology

M. D., University of Pennsylvania, 1890; Resident and Associate in Gynecology, Johns Hopkins Hospital, 1894-1914; Associate in Gynecology, Johns Hopkins University, 1895-99; *Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

1208 Eutaw Place

THOMAS STEPHEN CULLEN, M. B.

Associate Professor of Clinical Gynecology

M. B., University of Toronto, 1890; Assistant Resident, Resident, and Associate in Gynecology, the Johns Hopkins Hospital, 1892-1914; Instructor and Associate in Gynecology, Johns Hopkins University, 1895-1899; *Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

20 E. Eager St.

ROBERT LEE RANDOLPH, M. D.

Associate Professor of Clinical Ophthalmology and Otology

M. D., University of Maryland, 1884, and A. M. (Hon.), Johns Hopkins University, 1902; Assistant in Ophthalmology, Vienna Polyclinic, 1886; Associate in Ophthalmology and Otology, Johns Hopkins University, 1896-1901; *Ophthalmologist in charge, Dispensary, and Assistant Visiting Ophthalmologist, the Johns Hopkins Hospital.*

609 Park Av.

THOMAS BARNES FUTCHER, M. B.

Associate Professor of Clinical Medicine

M. B., University of Toronto, 1893; Assistant Resident, Resident, and Associate in Medicine, Johns Hopkins Hospital, 1894-1914; Instructor and Associate in Medicine, Johns Hopkins University, 1896-1901; *Physician in charge, Dispensary, and Assistant Visiting Physician, the Johns Hopkins Hospital.*

23 W. Franklin St.

JOSEPH COLT BLOODGOOD, M. D.

Associate Professor of Clinical Surgery

S. B., University of Wisconsin, 1888; M. D., University of Pennsylvania, 1891; Resident Surgeon, 1893-97, and Associate in Surgery, Johns Hopkins Hospital, 1897-1914; Assistant, Instructor, and Associate in Surgery, Johns Hopkins University, 1895-1903; *Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

904 N. Charles St.

WILLIAM STEVENSON BAER, M. D.

Associate Professor of Clinical Orthopedic Surgery

A. B., Johns Hopkins University, 1894, and M. D., 1898; Assistant, Instructor, and Associate in Orthopedic Surgery, 1900-1910; Resident House Officer, Assistant Resident Surgeon and Associate in Orthopedic Surgery, the Johns Hopkins Hospital, 1898-1914; *Surgeon in charge, Orthopedic Dispensary, and Assistant Visiting Orthopedic Surgeon, the Johns Hopkins Hospital.*

4 E. Madison St.

THOMAS RICHMOND BOGGS, M. D.

Associate Professor of Clinical Medicine

S. B., University of Georgia, 1896; Graduate Student, 1896-97; M. D., Johns Hopkins University, 1901; Assistant and Associate in Medicine, 1903-11; Resident House Officer, Assistant Resident and Resident Physician, 1901-1911; Physician-in-Chief, City Hospital, Baltimore; *Assistant Visiting Physician, the Johns Hopkins Hospital.*

21 W. Chase St.

LOUIS VIRGIL HAMMAN, M. D.

Associate Professor of Clinical Medicine

A. B., Rock Hill College, 1896; Graduate Student, Johns Hopkins University, 1896-97, M. D., 1901, and Assistant, Instructor and Associate in Medicine, 1903-1915; House Physician, New York Hospital, 1902-1903; Physician in charge, Phipps Dispensary, 1905-1915; *Physician in charge Dispensary and Assistant Visiting Physician, the Johns Hopkins Hospital.*

714 Park Av.

JOHN TIMOTHY GERAGHTY, M.D.

Associate Professor of Clinical Urology

A. B., St. Thomas College, 1895; Ph. B., St. Paul Seminary, 1897; Graduate Student, Johns Hopkins University, 1897-1898; M. D., 1903; Assistant Instructor and Associate in Genito-Urinary Diseases, 1907-15; Resident House Officer, 1903-1904; Consulting Urologist, City Hospital, Bay View; *Assistant Visiting Urologist, the Johns Hopkins Hospital.*

330 N. Charles St.

FREDERICK HARRY BAETJER, M. D.

Associate Professor of Clinical Roentgenology

A. B., Johns Hopkins University, 1897, M. D., 1901; Assistant and Associate in Surgery, 1903-1906; Resident House Officer, 1901-02; *Roentgenologist, the Johns Hopkins Hospital.*

4 E. Madison St.

SAMUEL JAMES CROWE, M. D.

Associate Professor of Clinical Laryngology

A. B., University of Georgia, 1904; M. D., Johns Hopkins University, 1908; Assistant in Surgery and Associate in Clinical Laryngology, 1908-1916; Assistant Resident Surgeon, 1909-1910; *Laryngologist in charge Dispensary, and Visiting Laryngologist, the Johns Hopkins Hospital.*

1206 Linden Av.

LECTURERS

CHARLES WARDELL STILES, Ph. D., D. Sc., LL. D.

Lecturer on Medical Zoölogy

A. M., Ph. D., University of Leipzig, 1890; M. S. (Hon.), Wesleyan University, 1896; D. Sc. (Hon.), Wesleyan University, 1906, and Yale University, 1915; LL. D., University of North Carolina, 1913; M. D. (Hon.), University College of Medicine, Richmond, 1914; Corresponding Member, Society of Biology and Academy of Medicine (Paris); Zoölogist, U. S. Bureau of Animal Industry, 1891-1902; Professor of Zoölogy, of U. S. Public Health Service, Washington, D. C.; Secretary, International Commission on Zoölogical Nomenclature.

Hygienic Laboratory, 25th and E Sts., N. W., Washington.

CHARLES CASPARI, Jr.

Lecturer in Pharmacy

Ph. G., Maryland College of Pharmacy, 1869; Phar. D., University of Maryland, 1905; Professor of Pharmacy and Dean of Faculty, University of Maryland.

1129 Harlem Ave.

*HANS LIEB, Ph. D.

Lecturer on Special Analytical Methods

Assistant in Physiological Chemistry, University of Graz, Austria.

ASSOCIATES

FRANK ROBERT SMITH, M. D.

Associate in Clinical Medicine

A. M., University of Cambridge (England), 1882; M. D., University of Maryland, 1891; Assistant Resident Physician, the Johns Hopkins Hospital, 1891-93; Instructor in Medicine, Johns Hopkins University, 1895-1901; *Dispensary Physician, Johns Hopkins Hospital.*

1126 Cathedral St.

GUY LeROY HUNNER, M. D.

Associate in Clinical Gynecology

S. B., University of Wisconsin, 1893; M. D., Johns Hopkins University, 1897, and Instructor in Gynecology, 1901-1902; Resident House Officer, Assistant Resident, Resident Gynecologist, and Associate in Gynecology, 1897-1914; *Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

2305 St. Paul St.

LOUIS PHILIP HAMBURGER, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1893, M. D., 1897, Assistant and Instructor in Medicine, 1899-1904; Resident House Officer, 1897-98; *Dispensary Physician, the Johns Hopkins Hospital.*

1207 Eutaw Place

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* Absent on leave.

THOMAS RICHARDSON BROWN, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1892, M. D., 1897, Instructor in Medicine, 1899-1904; Resident House Officer, 1897-98; *Physician in charge, Gastro-Intestinal Diseases, Dispensary, and Assistant Visiting Physician, the Johns Hopkins Hospital.*

19 W. Biddle St.

RICHARD HOLDEN FOLLIS, M. D.

Associate in Clinical Surgery

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899, and Instructor in Surgery, 1902-1905; Externe, Assistant Resident, Resident Surgeon, and Associate in Surgery, 1899-1914; *Dispensary Surgeon, and Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

3 E. Read St.

* ELIZABETH HURDON, M. D.

Associate in Clinical Gynecology

M. D., Trinity University (Toronto), 1895; Assistant and Instructor in Gynecology, Johns Hopkins University, 1900-1908.

31 W. Preston St.

JAMES HALL MASON KNOX, Jr., Ph. D., M. D.

Associate in Clinical Pediatrics

A. B., Yale University, 1892, and Ph. D., 1894; A. M., Lafayette College, 1896; M. D., Johns Hopkins University, 1898; Assistant and Instructor in Pediatrics, 1902-1909; Resident House Officer, 1898-1899; Physician in charge, the Thomas Wilson Sanitarium; *Dispensary Pediatrician, and Assistant Visiting Pediatrician, the Johns Hopkins Hospital.*

804 Cathedral St.

EDWARD HENDERSON RICHARDSON, M. D.

Associate in Clinical Gynecology

A. B., Hampden-Sidney College, 1900; Graduate Student, Johns Hopkins University, 1900-1901, and M. D., 1905; Instructor in Gynecology, 1910-1912; Resident House Officer, and Assistant Resident and Resident Gynecologist, 1905-1910; Consulting Gynecologist, City Hospital, Bay View; *Gynecologist in charge, Dispensary, and Assistant Visiting Gynecologist, the Johns Hopkins Hospital.*

216 E. Preston St.

JOHN ARTHUR LUETSCHER, M. D.

Associate in Clinical Medicine

S. B., University of Wisconsin, 1895; M. D., Johns Hopkins University, 1899; Assistant and Instructor in Medicine, 1905-1913; Resident House Officer, 1899-1900; House Physician, City Hospital, Boston, 1900-1901; *Dispensary Physician, the Johns Hopkins Hospital.*

1025 Madison Av.

KARL MILLER WILSON, M. D.

Associate in Clinical Obstetrics

M. D. C. M., McGill University, 1908; House Surgeon, Montreal General Hospital, 1908-1909; Interne, Assistant Resident, and Resident Obstetrician, the Johns Hopkins Hospital, 1909-1912; Assistant and Instructor in Obstetrics, Johns Hopkins University, 1910-1912; Resident Gynecologist, Royal Victoria Hospital, Montreal, 1912-1913; *Assistant Visiting Obstetrician, the Johns Hopkins Hospital.*

23 W. Chase St.

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* Absent on leave.

CHARLES ROBERT AUSTRIAN, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1904, and M. D., 1909; Resident House officer, and Assistant Resident Physician, 1909-1915; *Dispensary Physician, Phipps Dispensary, the Johns Hopkins Hospital.*

1417 Eutaw Place

WALTER ALBERT BAETJER, M. D.

Associate in Clinical Medicine

A. B., Johns Hopkins University, 1905, and M. D., 1909; Resident House Officer and Assistant Resident, 1909-1914; Resident Physician, City Hospital, Bay View, 1911-1912; Instructor in Medicine, 1912-1915; *Assistant in Clinical Laboratory.*

16 W. Madison St.

EDGAR RANDOLPH STROBEL, M. D.

Associate in Clinical Dermatology

A. B., Johns Hopkins University, 1895, and M. D., 1899; Assistant and Instructor in Dermatology, 1903-1916; Consulting Dermatologist, City Hospital, Bay View; *Dispensary Dermatologist, the Johns Hopkins Hospital.*

330 N. Charles St.

GEORGE E. BENNETT, M. D.

Associate in Clinical Orthopedic Surgery

M. D., University of Maryland, 1909; Instructor in Clinical Orthopedic Surgery, 1914-1916; *Dispensary Surgeon, the Johns Hopkins Hospital.*

4 E. Madison St.

INSTRUCTORS

JAMES JOSEPH MILLS, M. D.

Instructor in Clinical Ophthalmology

M. D., Baltimore Medical College, 1889; Assistant in Ophthalmology and Otology, Johns Hopkins University, 1903-04; Consulting Ophthalmologist, City Hospital, Bay View, and *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

853 Park Av.

JACOB HALL PLEASANTS, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1895, and M. D., 1899; Assistant in Medicine, 1900-1905; Resident House Officer, 1899-1900; President, Board of Supervisors of City Charities; *Dispensary Physician, the Johns Hopkins Hospital.*

806 University Parkway

WILLIAM RUSH DUNTON, Jr., M. D.

Instructor in Clinical Psychiatry

S. B., Haverford College, 1889, and A. M., 1890; M. D., University of Pennsylvania, 1893; Assistant Physician, Sheppard and Enoch Pratt Hospital; Assistant in Psychiatry, Johns Hopkins University, 1906; *Dispensary Psychiatrist, the Johns Hopkins Hospital.*

E. Evesham Av., Govans

JOSEPH ALBERT CHATARD, M. D.

Instructor in Clinical Medicine

A. B., Loyola College, 1898; Graduate Student, Johns Hopkins University, 1898-1899, and M. D., 1903; Assistant in Medicine, 1905-1907; Assistant Resident Physician, St. Joseph's Hospital, 1903-1904; *Dispensary Physician, the Johns Hopkins Hospital.*

40 W. Biddle St.

NATHAN EDMONDSON BERRY IGLEHART, M. D.

Instructor in Clinical Surgery

M. D., University of Maryland, 1889; Assistant in Surgery, Johns Hopkins University, 1900-1909; *Dispensary Surgeon, the Johns Hopkins Hospital.*

1012 Cathedral St.

GEORGE LANE TANEYHILL, Jr., M. D.

Instructor in Clinical Neurology

A. B., Johns Hopkins University, 1900, M. D., 1904; Assistant in Medicine, 1905-1909; Externe, the Johns Hopkins Hospital, 1904-1905; *Dispensary Neurologist, the Johns Hopkins Hospital.*

1402 Eutaw Place

CHARLES WILLIAM LARNED, M. D.

Instructor in Clinical Medicine

M. D., University of Maryland, 1893; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Free Lying-in-Hospital, University of Maryland, 1893-1894; Resident Physician, Hospital for Women of Maryland, 1894-1895; *Dispensary Physician, the Johns Hopkins Hospital.*

1327 Park Av.

HENRY LEE SMITH, M. D., F. R. S. A. (Lond.)

Instructor in Clinical Medicine

M. D., University of Maryland, 1894; A. M. (Hon.), St. John's College (Maryland), 1909; Fellow, Royal Society of Arts, London, 1914, and of the American Association for the Advancement of Science, 1914; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Hospital for Women of Maryland, 1895-1896; *Dispensary Physician, the Johns Hopkins Hospital.*

2701 N. Calvert St.

SAMUEL WOLMAN, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1902, and M. D., 1906; Assistant in Medicine, 1907-1909; *Dispensary Physician, the Johns Hopkins Hospital.*

2407 Madison Av.

JOHN HENDRICKEN KING, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1899, and Graduate Student, 1899-1902; M. D., 1906; Assistant and Instructor in Medicine and Pathological Physiology, 1906-1909; *Assistant Dispensary Physician, the Johns Hopkins Hospital.*

1227 N. Calvert St.

CHARLES METCALFE BYRNES, M. D.

Instructor in Clinical Neurology

S. B., University of North Carolina, 1902; M. D., Johns Hopkins University, 1906; Adjunct Professor of Anatomy, University of Virginia, 1908-1909; *Dispensary Neurologist, the Johns Hopkins Hospital.*

207 E. Preston St.

JOHN STAIGE DAVIS, M. D.

Instructor in Clinical Surgery

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899; Resident House Officer, 1899-1900; Resident Physician, Union Protestant Infirmary, 1900-1903; *Dispensary Surgeon, and Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

1200 Cathedral St.

WILLIAM ALEXANDER FISHER, M. D.

Instructor in Clinical Surgery

A. B., Princeton University, 1896; M. D., Johns Hopkins University, 1900; Resident House Officer, 1900-1901; *Dispensary Surgeon, the Johns Hopkins Hospital.*

715 Park Av.

OMAR BORTON PANCOAST, M. D.

Instructor in Clinical Surgery

S. B., Swarthmore College, 1893; M. D., Johns Hopkins University, 1897; Resident House Officer, 1897-1898; *Dispensary Surgeon, the Johns Hopkins Hospital.*

1111 N. Charles St.

BERTRAM MOSES BERNHEIM, M. D.

Instructor in Clinical Surgery

A. B., Johns Hopkins University, 1901; M. D., 1905; Assistant in Surgery, 1911-1913; *Dispensary Surgeon, the Johns Hopkins Hospital.*

2319 Linden Av.

DAVID ISRAEL MACHT, M. D.

Instructor in Clinical Medicine and Lecture Assistant in Pharmacology

A. B., Johns Hopkins University, 1902, and M. D., 1906; LL. B., Hamilton College of Law, Chicago, 1915; Assistant in Medicine, 1911-1913; Harvard Summer School, 1903-1905; Vol. Asst. Klinik, Prof. Landau, Berlin, 1906-1907; *Dispensary Physician, the Johns Hopkins Hospital.*

3218 Auchentoroly Terr.

HARVEY BRINTON STONE, M. D.

Instructor in Clinical Surgery

A. B., Johns Hopkins University, 1902, and M. D., 1906; Resident House Officer, 1906-1907; Adjunct Professor of Surgery, University of Virginia, 1907-1910; *Dispensary Surgeon, the Johns Hopkins Hospital.*

214 E. Preston St.

ALBERT KEIDEL, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1900, and M. D., 1903; Clinical Assistant in Medicine, Johns Hopkins Hospital, 1903-1906; *Dispensary Physician, the Johns Hopkins Hospital.*

847 Park Av.

ROADES FAYERWEATHER, M. D.

Instructor in Clinical Orthopedic Surgery

A. B., Harvard University, 1899; M. D., Johns Hopkins University, 1903; Assistant in Orthopedic Surgery, 1905-1914; Orthopedic Surgeon, Carney Hospital, Boston, 1903-1904; *Dispensary Surgeon, the Johns Hopkins Hospital.*

529 N. Charles St.

ROBERT WILLIAM BAINBRIDGE MAYO, M. D.

Instructor in Clinical Medicine

A. B., Maryland Agricultural College, 1903, and M. S., 1904; M. D., Johns Hopkins University, 1908; Supt. Gulf Coast Sanatorium, Mississippi, 1908-1909; Assistant Resident, Church Home and Infirmary, 1909-1910; Resident Surgeon, Hospital for Women of Maryland, 1910-1912; *Dispensary Physician, the Johns Hopkins Hospital.*

819 N. Charles St.

SYDNEY ROBOTHAM MILLER, M. D.

Instructor in Clinical Medicine

S. B., New York University, 1905; M. D., Johns Hopkins University, 1910; Resident House Officer, 1910-1911; Assistant in Clinical Medicine in charge of Laboratory Internal Medicine, 1913-1915; *Assistant in Clinical Laboratory and Dispensary Physician, the Johns Hopkins Hospital.*

2802 Elsinore Av.

EMIL NOVAK, M. D.

Instructor in Clinical Gynecology

M. D., Baltimore Medical College, 1904; Associate Professor of Gynecology, College of Physicians and Surgeons.

26 E. Preston St.

MARTIN FRANCIS SLOAN, M. D.

Instructor in Clinical Medicine

M. D., Baylor University, 1907; Assistant in Clinical Medicine, 1910-1915; Resident Physician, Eudowood Sanatorium; *Dispensary Physician, the Johns Hopkins Hospital.*

Eudowood

FREDERICK WILLIAM HOBELMAN, M. D.

Instructor in Clinical Urology

M. D., Baltimore Medical College, 1901; *Dispensary Urologist, the Johns Hopkins Hospital.*

33 Gunther Building

HARRY LOUIS HOMER, M. D.

Instructor in Clinical Surgery

M. D., University of Pennsylvania, 1904; *Dispensary Surgeon, the Johns Hopkins Hospital.*

714 Park Av.

LLOYD WARREN KETRON, M. D.

Instructor in Clinical Dermatology

A. B., Grant University, 1907; M. D., Johns Hopkins University, 1911; Assistant in Clinical Dermatology, 1914-1916; *Assistant Dispensary Dermatologist, the Johns Hopkins Hospital.*

529 N. Charles St.

HARRY RICHMOND SLACK, Jr., M. D.

Instructor in Clinical Laryngology

A. B., University of Georgia, 1908; M. D., Johns Hopkins University, 1912; *Assistant Dispensary Laryngologist.*

1100 N. Charles St.

JOHN SCOTT WILLOCK, M. D.

Instructor in Clinical Dermatology

S. B., Princeton University, 1900; M. D., Johns Hopkins University, 1904; Resident Physician, Allegheny General Hospital, 1904-1905; Assistant in Clinical Dermatology, 1914-1916; *Assistant Dispensary Dermatologist, the Johns Hopkins Hospital.*

Englewood Rd. and Falls Rd. Terr., Roland Park.

ASSISTANTS

EUGENE JOSEPH LEOPOLD, M. D.

Assistant in Clinical Medicine

A. B., Johns Hopkins University, 1901; M. D., 1905; Graduate Student, University of Berlin; "Volunteer" Stadisches Krankenhaus, Munich, and Graduate Student, London, 1905-1907; *Dispensary Physician, the Johns Hopkins Hospital.*

803 Park Av.

HOWARD ELMER ASHBURY, M. D.

Assistant in Clinical Surgery

Ph. G., Maryland College of Pharmacy, 1899; M. D., University of Maryland, 1908; *Dispensary Surgeon, the Johns Hopkins Hospital.*

827 N. Charles St.

TRIGANT BURROW, M. D., Ph. D.

Assistant in Clinical Psychiatry

A. B., Fordham University, 1895; M. D., University of Virginia, 1899; Demonstrator in Biology, University of Virginia, 1899-1900; Graduate Student, Pathology and Bacteriology, and Philology, 1901-1903; Assistant in Psychology, Johns Hopkins University, 1906-1909, and Ph. D., 1909; *Assistant Dispensary Psychiatrist, the Johns Hopkins Hospital.*

Washington Apts.

ISAAC ROSENBAUM PELS, M. D.

Assistant in Clinical Dermatology

A. B., Johns Hopkins University, 1902, and M. D., 1906; Interne, the Jewish Hospital, Philadelphia, 1906-1907; Externe in Medicine and Surgery, 1907-1909; Interne, Union Protestant Infirmary, Baltimore, 1908; *Dispensary Dermatologist, the Johns Hopkins Hospital*

922 W. North Ave.

LEO JOHN GOLDBACH, M. D.

Assistant in Clinical Ophthalmology

A. B., Loyola College, 1901; M. D., University of Maryland, 1905; Surgeon, Presbyterian Eye, Ear and Throat Hospital; *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

322 N. Charles St.

LLOYD BANKSON WHITHAM, M. D.

Assistant in Clinical Ophthalmology

M. D., University of Pennsylvania, 1910; Assistant Surgeon, Baltimore Eye, Ear and Throat Charity Hospital; Consulting Ophthalmologist, Robert Garrett Hospital; *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

1007 N. Calvert St.

MARY ASHMUN HODGE, M. D.

Assistant in Clinical Medicine

A. B., Leland Stanford, Jr., University, 1908, and Graduate Student, 1909-1910; M. D., Johns Hopkins University, 1914; Physician in charge of Dispensary Laboratory, 1914-1915; *Dispensary Physician, the Johns Hopkins Hospital.*

2218 N. Charles St.

CAROLINE BENSON TOWLES, M. D.

Assistant in Clinical Medicine

A. B., Woman's College of Baltimore, 1893; M. D., Johns Hopkins University, 1905; Assistant in Pediatrics, 1913-1914; *Dispensary Physician, the Johns Hopkins Hospital.*

1006 Madison Ave.

HIRAM FRIED, M. D.

Assistant in Clinical Medicine

A. B., Johns Hopkins University, 1907, and M. D., 1911; *Assistant Dispensary Physician, the Johns Hopkins Hospital.*

2551 Madison Av.

ISIDORE I. HIRSCHMAN, M. D.

Assistant in Clinical Medicine

M. D., University of Maryland, 1911; *Assistant Dispensary Physician, the Johns Hopkins Hospital.*

2516 Madison Ave.

EDWARD VINCENT COOLAHAN, M. D.

Asisstant in Clinical Medicine

A. B., Rock Hill College, 1903; M. D., Johns Hopkins University, 1908; Resident Physician, St. Vincent's Hospital, 1910; *Dispensary Physician, the Johns Hopkins Hospital.*

24 N. Fulton Av.

HOAGLAND COOK DAVIS, M. D.

Assistant in Clinical Laryngology

M. D., University of Maryland, 1902; *Assistant Dispensary Laryngologist, the Johns Hopkins Hospital.*

405 N. Charles St.

JOSEPH EDWARD GATELY, M. D.

Assistant in Clinical Dermatology

M. D., University of Maryland, 1902; *Assistant Dispensary Dermatologist, the Johns Hopkins Hospital.*

111 S. Broadway

MOSES RANDOLPH KAHN, M. D.

Assistant in Clinical Ophthalmology

M. D., University of Maryland, 1912; *Dispensary Ophthalmologist, the Johns Hopkins Hospital.*

1410 Madison Av.

JOHN THEODORE KING, Jr., M. D.

Assistant in Clinical Medicine

A. B., Princeton University, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer and Assistant Resident Physician, 1914-1916; *Dispensary Physician, the Johns Hopkins Hospital.*

1425 Eutaw Place

GEORGE LEWIS STICKNEY, M. D.

Voluntary Assistant in Clinical Gynecology

M. D., University of Maryland, 1910.

6 E. Read St.

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Associate Physician ..... HERMAN O. MOSENTHAL.
" " PAUL W. CLOUGH.
" " CLYDE G. GUTHRIE.
Assistant Physician ..... ELEVETH W. BRIDGMAN.
" " ALLEN K. KRAUSE.
Surgeon-in-Chief ..... WILLIAM S. HALSTED.
Associate Surgeon ..... GEORGE J. HEUER.
" " EMIL GOETSCH.
Gynecologist-in-Chief ..... HOWARD A. KELLY.†
Obstetrician-in-Chief ..... J. WHITRIDGE WILLIAMS.
Pediatrician-in-Chief ..... JOHN HOWLAND.
Associate Pediatrician ..... EDWARDS A. PARK.
" " WILLIAMS McK. MARRIOTT.
Psychiatrist-in-Chief ..... ADOLF MEYER.
Associate Psychiatrist ..... C. MACFIE CAMPBELL.
Pathologist ..... WILLIAM H. WELCH.
Associate Pathologist ..... MILTON C. WINTERNITZ.

Visiting Physician ..... LEWELLYS F. BARKER.
" " WILLIAM S. THAYER.
Assistant Visiting Physician ..... THOMAS B. FUTCHER.
" " " LOUIS HAMMAN.
" " " THOMAS R. BOGGS.
" " " THOMAS R. BROWN.
Visiting Surgeon ..... JOHN M. T. FINNEY.
Assistant Visiting Surgeon ..... JOSEPH C. BLOODGOOD.
" " " RICHARD H. FOLLIS.
" " " WILLIAM S. BAER (Orthopedic Surgeon).
" " " SAMUEL J. CROWE (Laryngologist).

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* Corrected to September 1, 1916.
† Absent on leave September 1, 1916, to September 1, 1917.

Assistant Visiting Surgeon	JOHN STAIGE DAVIS.
" " "	WILLIAM A. FISHER, JR.
" " "	GEORGE WALKER.
" " "	GEORGE E. BENNETT.
Visiting Urologist	HUGH H. YOUNG.
Assistant Visiting Urologist	JOHN T. GERAGHTY.
Assistant in Urology	DAVID M. DAVIS.
" " "	NORMAN M. KEITH.
" " "	WILLIAM S. GORTON.
" " "	JOHN A. C. COLSTON.
" " "	WILLIAM A. FRONTZ.
Assistant Visiting Gynecologist	WILLIAM W. RUSSELL.
" " "	THOMAS S. CULLEN.*
" " "	GUY L. HUNNER.
" " "	EDWARD H. RICHARDSON.
Assistant Visiting Obstetrician	KARL M. WILSON.
" " "	EVERETT D. PLASS.
Visiting Neurologist	HENRY M. THOMAS.
Visiting Ophthalmologist	SAMUEL THEOBALD.
Visiting Ophthalmologist	ROBERT L. RANDOLPH.
Visiting Dermatologist	T. CASPAR GILCHRIST.
" "	J. WILLIAMS LORD.
Roentgenologist	FREDERICK H. BAETJER.
Assistant Roentgenologist	CHARLES A. WATERS.
" "	J. WILLIAM PIERSON.
University Appointees Working in Hospital Laboratories	ALMA HILLER (Chemical Laboratory).
" "	MILDRED CLARK.† (Biological Laboratory).
Assistant in Pathology	HENRY C. SCHMEISSER.
Resident Physician	ARTHUR L. BLOOMFIELD.
Assistant Resident Physician	ROBERT L. LEVY.
" " "	FRANK A. EVANS.
" " "	V. P. W. SYDENSTRICKER.
" " "	S. W. CLAUSEN.
Resident Physician in Charge of Private Wards	THOMAS P. SPRUNT.
Assistant Resident Physician	DAVID W. CARTER, JR.
" " "	GEORGE H. PRESTON.
" " "	FRED H. KRUSE.

* Acting Gynecologist-in-Chief, September 1, 1916, to September, 1917.
† Mary Putnam Jacobi Fellowship.

Assistant Resident Physician....VERNE R. MASON.
Resident Surgeon.....WALTER E. DANDY.
Assistant Resident Surgeon.....MONT R. REID.
" " " GEORGE R. DUNN.
" " " HARVEY H. MUSSER.
" " " WILLIAM C. DUFFY.
" " " S. SHELTON WATKINS.
Externe in Surgery.....ROGER P. BATCHELOR.
Resident Urologist.....JONATHAN E. BURNS, JR.
Assistant Resident Urologist.....HOWARD L. CECIL.
" " " EDWARD G. DAVIS.
Resident Gynecologist.....WALTER R. HOLMES.
Assistant Resident Gynecologist..HENRY N. SHAW.
" " " HERBERT M. N. WYNNE.
" " " LAWRENCE R. WHARTON.
Resident Obstetrician.....DANIEL DAVIS.
Assistant Resident Obstetrician..JOHN G. MURRAY, JR.
Resident Pediatrician.....KENNETH D. BLACKFAN.
Asst. Resident Pediatrician.....THOMAS M. RIVERS.
" " " KENNETH F. MAXCY.
Resident Psychiatrist.....ROSCOE W. HALL.
Asst. Resident Psychiatrist.....AUGUSTA R. SCOTT.
" " " NATHANIEL H. BRUSH.
Acting Resident Pathologist.....MONTROSE T. BURROWS.
Assistant Resident Pathologist...STANHOPE BAYNE-JONES.
" " " JOHN C. LYMAN.
" " " ADMONT H. CLARK.
Externe in Pathology.....LLOYD FELTON.

Resident House Officers:

I. C. BARCLAY,
H. C. BEAN,
S. BLANTON,
H. B. CONRAD.
J. P. EIDSON,
J. A. ETHERIDGE,
R. E. FAIRBANK,
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J. W. HARRIS,
G. A. HARROP,
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L. K. MCCAFFERTY,
C. L. MCCARTHY,
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J. E. MOORE.
J. R. OLIVER,
S. O. REESE,
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E. L. RICHARDS,
F. E. ROBERTS,
C. E. SEVIER,
D. C. W. SMITH,
D. G. SMITH,
A. C. SUTTON,
T. L. SUTTON.

OUT-PATIENT DEPARTMENT

Physician-in-Chief ..... THEODORE C. JANEWAY.
Surgeon-in-Chief ..... WILLIAM S. HALSTED.
Gynecologist-in-Chief ..... HOWARD A. KELLY.
Obstetrician-in-Chief ..... J. WHITRIDGE WILLIAMS.
Psychiatrist-in-Chief ..... ADOLF MEYER.
Pediatrician-in-Chief ..... JOHN HOWLAND.

DEPARTMENT OF MEDICINE

A—*General Medicine:*

Physician in Charge ..... THOMAS B. FUTCHER.
" " " LOUIS V. HAMMAN.
Dispensary Physician ..... FRANK R. SMITH.
" " LOUIS P. HAMBURGER.
" " JOSEPH A. CHATARD.
" " HENRY LEE SMITH.
" " CHARLES W. LARNED.
" " EUGENE J. LEOPOLD.
" " SAMUEL WOLMAN.
" " DAVID I. MACHT.
" " J. HALL PLEASANTS.
" " EVELETH W. BRIDGMAN.
" " CAROLINE B. TOWLES.
" " DAVID C. STREET.
" " JOHN T. KING, JR.
Assistant Dispensary Physician .. WILLIAM K. SKILLING.
" " " HENRY B. ATHEY.
" " " HARRY GOLDBERG.
" " " HARRY GOLDSMITH.
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B—*Clinical Neurology:*

Neurologist in Charge ..... HENRY M. THOMAS.
Dispensary Neurologist ..... G. LANE TANEYHILL, JR.
" " CHARLES M. BYRNES.
Asst. Dispensary Neurologist ..... ROBERT A. WARNER.
" " " ANDREW C. GILLIS.
" " " DANIEL D. V. STUART.

C—*Phipps Dispensary:*

Physician in Charge.....ALLEN K. KRAUSE.
Dispensary Physician.....CHARLES R. AUSTRIAN.
" " MARTIN F. SLOAN.
" " EDWARD V. COOLAHAN.
" " ISIDORE I. HIRSCHMAN.
" " MARY A. HODGE.
Assistant Dispensary Physician..JOHN GIRDWOOD.
" " " HIRAM FRIED.

D—*Gastro-Intestinal Diseases:*

Physician in Charge.....THOMAS R. BROWN.
Assistant Dispensary Physician..ERNEST H. GAITHER.
" " " ELMER B. FREEMAN.
" " " EDGAR P. SANDROCK.
" " " JOHN H. KING.
" " " RANDOLPH A. MICHELSON.

E—*Diseases of Metabolism:*

Physician in Charge.....HERMAN O. MOSENTHAL.
Dispensary Physician.....JOHN H. KING.
" " EUGENE J. LEOPOLD.
" " SAMUEL W. CLAUSEN.

F—*Department "L":*

Chairman, Committee in Charge..GEORGE WALKER.
Dispensary Physician.....ALBERT KEIDEL.
" " THOMAS R. BOGGS.
Assistant Dispensary Physician..LLOYD W. KETRON.
" " " HARRY H. ROBINSON.
" " " ROBERT W. B. MAYO.
" " " GEORGE H. WHITE, JR.
" " " JESSE W. DOWNEY.

DEPARTMENT OF SURGERY

A—*General Surgery*

Surgeon in Charge.....EMIL GOETSCH.
Dispensary Surgeon.....RICHARD H. FOLLIS.
" " OMAR B. PANCOAST.
" " J. STAIGE DAVIS.

Dispensary Surgeon.....WILLIAM A. FISHER.
" " BERTRAM M. BERNHEIM.
" " HARVEY B. STONE.
" " HARRY L. HOMER.
Assistant Dispensary Surgeon....RONALD T. ABERCROMBIE.
" " " ELLIOTT H. HUTCHINS.
" " " THOMAS R. CHAMBERS.

B—*Ophthalmology*

Ophthalmologist in Charge.....SAMUEL THEOBALD.
" " " ROBERT L. RANDOLPH.
Dispensary Ophthalmologist.....LEO J. GOLDBACH.
" " LLOYD B. WITHAM.
" " EDWARD A. LOOPER.
" " RANDOLPH M. KAHN.

C—*Urology:*

Urologist in Charge.....JOHN T. GERAGHTY.
Dispensary Urologist.....FREDERICK W. HOBELMAN.
" " JOHN A. C. COLSTON.
" " WILLIAM A. FRONTZ.
" " J. POINTEVANT ROBINSON.

D—*Laryngology, Rhinology and Otology:*

Laryngologist in Charge.....SAMUEL J. CROWE.
Asst. Dispensary Laryngologist..HOAGLAND C. DAVIS.
" " " HARRY R. SLACK.
" " " S. SHELTON WATKINS.
" " " CHARLES L. MCCARTHY.
" " " MARTILLUS H. TODD.

E—*Dermatology:*

Dermatologist in Charge.....T. CASPAR GILCHRIST.
" " " J. WILLIAMS LORD.
Dispensary Dermatologist.....EDGAR R. STROBEL.
" " ISAAC R. PELS.
Asst. Dispensary Dermatologist...J. EDWARD GATELY.
" " " LLOYD W. KETRON.
" " " JOHN SCOTT WILLOCK.
" " " HARRY M. ROBINSON.

F—*Orthopedic Surgery:*

Surgeon in Charge.....WILLIAM S. BAER.
Dispensary Surgeon.....ROADES FAYERWEATHER.
" " GEORGE E. BENNETT.
" " HOWARD E. ASHBURY.
Assistant Dispensary Surgeon....CARL R. AHROON.
" " " LEWIS CASS SPENCER.
" " " DWIGHT F. ELMENDORF.
" " " LAWRENCE K. MCCAFFERTY.

G—*Roentgenology:*

Roentgenologist in Charge.....FREDERICK H. BAETJER.
Assistant Roentgenologist.....CHARLES A. WATERS.
" " J. WILLIAM PIERSON.

H—*Dentistry:*

Dental Surgeon in Charge.....CLARENCE J. GRIEVES.
" " " " HARRY E. KELSEY.
" " " " LEWIS D. CORIELL.
" " " " HAYWARD H. STREET.
" " " " LUCIEN B. BRUN.
" " " " CLYDE V. MATTHEWS.
" " " " HARRY G. STEWART.

DEPARTMENT OF GYNECOLOGY AND OBSTETRICS

A—*Gynecology:*

Gynecologist in Charge.....EDWARD H. RICHARDSON.
Dispensary Gynecologist.....WALTER R. HOLMES.
" " HENRY N. SHAW.
" " HERBERT N. M. WYNNE.
" " LAWRENCE R. WHARTON.
" " HORACE W. REID.
" " SYDNEY O. REESE.
" " HENRY BROWN CONRAD.

B—*Obstetrics:*

Obstetrician in Charge.....DANIEL DAVIS.
Dispensary Obstetrician.....JOHN G. MURRAY, JR.
Asst. Dispensary Obstetrician....JOHN W. HARRIS.
" " " PATRICK F. MCGUIRE.

DEPARTMENT OF PEDIATRICS

Pediatrician in Charge.....Grover F. Powers.
Dispensary Physician.....J. H. Mason Knox.
" " Williams McK Marriott.
" " James L. Gamble.
" " Warren R. Sisson.
Assistant Dispensary Physician..Irvin C. Barclay.
" " " George A. Harrop.
" " " Milo K. Miller.
" " " Alfred T. Shohl.
" " " Daniel C. W. Smith.
" " " Harry L. Whittle.

DEPARTMENT OF PSYCHIATRY

Psychiatrist in Charge.....C. Macfie Campbell.
Dispensary Psychiatrist.....Roscoe W. Hall.
" " William Rush Dunton.
Asst. Dispensary Psychiatrist....George F. Sargent.
" " " Trigant Burrow.
" " " Daniel D. V. Stuart.
" " " George B. Wolff.
" " " William A. Boyd.
" " " Nathaniel H. Brush.
" " " Augusta R. Scott.
" " " Esther L. Richards.
" " " Joseph P. Eidson.
" " " Joseph E. Moore.
" " " Ruth E. Fairbank.
" " " Smiley Blanton.
" " " Phillis Greenacre.

City Hospitals at Bay View

(Controlled by the Board of Supervisors of City Charities)

THE CITY HOSPITAL
THE MUNICIPAL TUBERCULOSIS HOSPITAL
THE CITY DETENTION HOSPITAL FOR THE INSANE

LAMAR HOLLYDAY, *Superintendent*

Medical Board:

Physician-in-Chief.....THOMAS R. BOGGS, M. D.
Surgeon-in-Chief.....ARTHUR M. SHIPLEY, M. D.
Physician in Charge, Tuberculosis Hospital.....GORDON WILSON, M. D.
Physician in Charge, Detention Hospital for Insane.....HENRY E. AUSTIN, M. D.
Pathologist.....MILTON C. WINTERNITZ, M. D.

Consulting Staff:

Alienists.....HENRY J. BERKLEY, M. D.; ADOLF MEYER, M. D.
Neurologist.....HENRY M. THOMAS, M. D.
Urologists.....JOHN T. GERAGHTY, M. D.; GEORGE TIMBERLAKE, M. D.
Gynecologists.....HUGH BRENT, M. D.; EDWARD H. RICHARDSON, M. D.
Laryngologist.....FRANK D. SANGER, M. D.
Otologist.....WILLIAM TARUN, M. D.
Dermatologist.....EDGAR R. STROBEL. M. D.
Pediatricians.....JOHN HOWLAND, M. D.; JOHN RUHRAH, M. D.
Ophthalmologist.....JAMES J. MILLS, M. D.

Resident Pathologist.....RAYMOND G. HUSSEY, M. D.

Third-year students receive clinical instruction in medicine in the City and Tuberculosis Hospitals during the third trimester.

Fourth-year students receive clinical instruction in psychiatry in the Detention Hospital for the Insane.

Elective work will be offered during the entire year.

REQUIREMENTS FOR ADMISSION AND GRADUATION

GENERAL DESCRIPTION OF THE COURSE OF INSTRUCTION OFFERED TO CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

GENERAL STATEMENT

The Medical Department of the Johns Hopkins University was opened for the instruction of students October, 1893. It is an integral and coordinate part of the University, and is in the closest affiliation with the Johns Hopkins Hospital, the professors of the various clinical branches being the heads of the corresponding departments in the Hospital.

From the opening of the school, all instructors in the underlying scientific branches have devoted their entire time to their university duties. The establishment by the General Education Board in 1914 of the William H. Welch Fund for the Advancement of Clinical Teaching has made it possible to place the responsible instructors in Medicine, Surgery, and Pediatrics upon a similar basis, while others who are engaged in practice will be utilized as clinical teachers.

The course of instruction extends over four years, and is planned for the professional training of those who have received a liberal education, as indicated by a collegiate degree in arts or science from an acceptable institution, including an adequate training in physics, chemistry, and biology, and a reading knowledge of French and German. Men and women are admitted upon the same terms.

In order to afford requisite facilities, the number of students in each class is limited to ninety.

Throughout the course special emphasis is laid upon practical work in the laboratories and in the dispensary and wards of the Hospital. While the primary aim of the School is to train practitioners of medicine and surgery, it is recognized that the medical art should rest upon a suitable preliminary education and upon thorough training in the underlying medical sciences. The first two years are devoted mainly to practical work, combined with demonstrations,

recitations and lectures, in the laboratories of anatomy, physiology, physiological chemistry, pharmacology, pathology, and bacteriology. During the last two years the student is given abundant opportunity for the personal study of sick patients, and most of his time is spent in the hospital wards or dispensary, and in the clinical laboratories.

The instruction begins on the morning of the first Tuesday of October. Candidates for admission are required to be present on the preceding Friday (see the Calendar, page 7). The graduating exercises are held on the second Tuesday of June. There are short recesses at Christmas and Easter.

All inquiries should be addressed to the Dean of the Johns Hopkins Medical School.

REQUIREMENTS FOR ADMISSION

As candidates for the degree of Doctor of Medicine the School receives:

I. Those who have satisfactorily completed the Chemical-Biological course, which leads to the A. B. degree in this University (Group V., course preliminary to medicine).

II. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have an acquaintance with Latin and a reading knowledge of French and German; (*b*) That they have such knowledge of biology, chemistry and physics, as may be obtained by courses corresponding to those outlined below.*

* Biology.—In addition to the usual class work, the instruction must include a year's laboratory course of six hours or more a week upon the structure, functions and life-histories of selected types of animal and plant life. Courses in botany or zoology will be accepted provided the laboratory work has been adequate. It is desirable that the course shouldu include laboratory instruction in embryology.

III. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and in addition, the knowledge of Latin, French, German, physics, chemistry, and biology above indicated.

(Thus far, no students have been accepted under this special provision.)

Application for Admission

Application for admission should be made to the Dean, who will furnish printed blanks, one page of which is to be filled out by the applicant and the other by an officer of the institution at which the collegiate degree was obtained. The former gives information concerning the general preliminary education of the applicant, and the latter authoritative data concerning the instruction received in the pre-medical sciences and the modern languages.

Applicants meeting all requirements will be accepted without examination, so long as vacancies exist in the class to which admission is desired. Under no conditions will applicants be accepted who are deficient in the underlying sciences, but in exceptional instances, those having only a deficiency in French or German may be admitted conditionally, on the

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Chemistry.—The minimum requirement is a one year course in inorganic chemistry, including five hours of laboratory work a week throughout the year, and an elementary course in orfganic chemistry, including at least 30 lectures and 90 to 100 hours of laboratory work.

Physics.—A collegiate course for at least one year is required. This must include four hours a week of class-room work and three hours a week of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

Latin.—The candidate should have studied Latin grammar and should possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

understanding that the condition must be absolved before the beginning of the second year.

As the size of each class is limited, it is attempted, in case a greater number apply, to choose ninety of the most promising applicants. The choice is made by taking into consideration the character of the college from which the applicant graduated, his standing in the pre-medical sciences and the languages, and the estimate made by one of his science teachers, in a personal letter to the Dean, as to his or her fitness to undertake the study of medicine.

Applications may be filed at any time, but, except in unusual circumstances, they will not be considered formally before July first. Notification of acceptance will be sent not later than July fifteenth.

Admission to Advanced Standing

Students from acceptable medical schools may be admitted to the second, third or fourth year classes if vacancies occur. Such applicants must furnish evidence (1) that they are eligible to the first year class without conditions of any kind; (2) that medical courses equivalent in kind and amount to those given in this school, in the year or years preceding that to which admission is desired, have been satisfactorily completed; and (3) they must be prepared to pass examinations at the beginning of the session in all subjects already pursued by the class to which admission is sought. The applicant must have studied as a matriculated medical student for a period of time at least equal to that already spent by the class which he seeks to enter.

As graduation from an approved college or scientific school is essential for admission to this school, applicants from universities conferring a degree upon the completion of a combined course, consisting of two years of collegiate and two years of medical work, are not eligible for admission to our third year class.

Instruction for Graduates in Medicine

Beginning the first of June each year, six weeks courses, especially adapted to meet the needs of practitioners of medicine, are given in medicine, surgery and various specialties, as well as in several of the underlying medical sciences. These courses are described on page ——

During the school year, a limited number of graduate students may be admitted to work in the several departments, in so far as they do not occupy the places or interfere with the routine work of the undergraduate students.

In every instance the arrangement for such instruction and facilities must be made directly with the head of the department concerned, but work cannot be commenced until after registration at the Dean's office.

Persons who have already received the degree of Doctor of Medicine elsewhere, will not be admitted as candidates for that degree from this University. Should further instruction be desired, they may enter as graduate students.

Special Workers.—Special workers, not candidates for a degree, may be received at the discretion of the Faculty.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Medicine is conferred upon those who, after fulfilling all the requirements for admission, have completed satisfactorily a four years' course of study.

Students who have been admitted to advanced standing, as well as those of our own students who have been granted permission to pursue a part of their studies elsewhere, must spend at least the final year in the Medical School of this University.

The degrees are publicly conferred at the University Commencement on the second Tuesday of June, or on Commemoration Day, February the twenty-second.

EXAMINATIONS

At the end of the fifth trimester, the records of all students in the second year class are reviewed by the Committee on Instruction and Examinations for the first two years. Students who are reported as having failed in any two of the following subjects: Anatomy (including Histology), Physiology, Physiological Chemistry, Pharmacology, Pathology, (including Bacteriology), will be required to withdraw from the school. Those who fail in one subject will be allowed to take a second examination not later than the following October. Failure in this second examination necessitates withdrawal from the school.

No student will be permitted to enter upon the work of the fourth year until he has absolved the required third year work in Gynecology, Physical Diagnosis, Clinical Microscopy and Neurology.

Final examinations for graduation will be held in Medicine, Surgery, Obstetrics and the Major Electives. The examination in Obstetrics may be absolved at the end of the third or during the fourth year. No student will be permitted to continue in the school if he fails in any two of these subjects, or if he fails a second time in Medicine or Surgery.

Third year students who fail in either Medicine or Surgery and who stand low in other subjects will be required to stand a joint examination in Medicine and Surgery the following Fall before a committee consisting of the professors of both branches and one or more of the senior members of each staff. This examination will be oral and practical and, in case of failure, the student will be required to withdraw from the School.

The estimation of the standing of each student is based upon the general character of his work, as well as upon the

results of examinations. When the average standing falls below 75, the student will be notified at the end of the year.

Students not appearing for examination on the specified dates will be required to pay a fee of $5.00 for special examination.

First and Second Years

The practical examination in Microscopic Anatomy will be held at the end of the second trimester of the first year, and in Gross Anatomy after the student has completed the dissection of the human body. The final examination in Anatomy must be taken not later than the end of the second trimester of the second year.

Final examinations in the other subjects will be given as follows:

Bacteriology: at the end of the third trimester of the first year.

Physiological Chemistry: Group A, at the end of the third trimester of the first year; Group B, at the end of the first trimester of the second year.

Physiology: at the end of the first trimester of the second year.

Pathology: at the end of the second trimester of the second year.

Pharmacology: at the end of the second trimester of the second year.

Third and Fourth Years

At the end of the third year, final examinations are held in obligatory obstetrics, gynecology, nervous diseases, clinical microscopy and surgical pathology.

At the end of the fourth year final examinations are held in medicine and surgery. In the elective courses and special branches, the examinations are held upon the completion of the work.

GENERAL PLAN OF INSTRUCTION

Each year is divided into trimesters, the first extending from October to the Christmas recess, the second from January to March 15, and the third from March 15, to the end of the academic year.

The first two years of the course are devoted mainly to the fundamental medical sciences, the larger part of the time being spent in practical work in the laboratories. In the last two years the various clinical branches are studied in the wards of the Hospital, the dispensary, and in the clinical laboratories.

The principal studies of the first year are anatomy, histology, neurology, bacteriology, physiology, and physiological chemistry. The study of anatomy and of physiology is continued in the second year, together with general pathology, pathological anatomy and histology, pharmacology, and toxicology. During the last trimester of the second year instruction is begun in physical diagnosis and in certain surgical methods, as an introduction to the clinical work of the succeeding years.

The major portion of the work of the first two years is obligatory for all students, but the time is so arranged that certain elective courses may be selected; thereby making it possible either to give more time to the obligatory courses, or to do special work along related lines.

In these two years thirty units of work are required—the unit being a course or group of courses of instruction equivalent to five hours a week for one trimester. Consequently it is necessary for the students to take five units of obligatory and elective work during each trimester, in order to complete in two years the requirements for entrance upon the clinical studies. The system, however, permits him to spend an additional trimester or longer in the preparatory work, should it prove necessary or desirable.

As the third and fourth years are devoted to practical medicine, they can not be taken up until the student has obtained credit for the prescribed minimum of work in the underlying sciences.

The work of the third year is largely obligatory. The student attends the clinics and dispensary exercises in medicine and surgery, and completes the required work in obstetrics, gynecology, and nervous diseases.

For the morning work the class is divided into four groups. From 9 to 10 a. m. each group receives instruction in obstetrics, gynecology or surgery, and from ten o'clock to noon the time is devoted to practical work in the medical, surgical and nervous departments of the Dispensary. From 12 noon to 1 p. m. the entire class attends the amphitheatre clinics in medicine or surgery. The afternoons are devoted mainly to laboratory work in clinical microscopy and surgical pathology. Instruction is also given in practical therapeutics and pharmacy, thus completing the pharmacological work of the previous year. Moreover, short propadeutical courses are given to familiarize the student with the use of the ophthalmoscope and laryngoscope. On certain afternoons there are also offered a number of short elective courses of a practical character, and each student is required to select from them a sufficient amount of work to give him a credit of one and a half units.

The work of the fourth year is partly elective. For this purpose the class is divided into three groups, each working in rotation for one trimester in medicine, surgery, and in certain elective subjects.

Each student must complete 18 units of work during the year—the unit being a course or group of courses occupying six hours a week for one trimester. Twelve units are obligatory, and include six units in medicine (including pediatrics) three units in surgery, one unit in ophthalmology, one unit which may be selected from laryngology, dermatology, genito-urinary surgery, orthopedics or neurology; while another unit

is based upon attendance upon a weekly amphitheatre clinic in medicine, and upon a group of lectures upon medical zoölogy, psychiatry, hygiene, medical jurisprudence and medical ethics.

The obligatory work in medicine, which includes a part of the required work in pediatrics, requires, at least, six hours of work a day for one trimester. The members of this group act as clinical clerks in the medical wards of the hospital, a certain number of beds being assigned to each student. They take the histories of the patients and make the necessary examinations and notes under the guidance and direction of the resident staff. They accompany the physician-in-chief or some member of the senior staff in the daily ward-rounds, and receive special bedside and laboratory instruction.

In the surgical trimester, the student gives three hours a day to attendance upon ward-rounds, operations, and to work in the surgical laboratories. The members of this group act as surgical dressers in the wards. They make the morning visits with the surgeon-in-chief or a member of the senior staff, and have daily opportunities to become familiar with the diagnosis, management and progress of surgical cases. They are also given an opportunity to take an elective course in operative surgery upon animals.

The elective work is arranged in major, minor and fractional courses. The former occupy 3 or 2½ hours a day throughout one trimester, according as the classes are in the morning or afternoon, and count as 3 or 2½ units respectively. In the minor courses, which count as one unit, one hour a day, or two hours every alternate day, throughout one trimester, are devoted to the subject; while several fractional courses may be combined to make one unit. Students choosing such courses must register at the Dean's office and will be expected to complete them satisfactorily and to submit to an examination at their close. In fractional courses, which count as less than one-half of a unit, examinations will not be held, and regular attendance, properly certified

by the instructor, will entitle the student to the allotted credit.

After having once been chosen, elective courses must be followed to the end of the trimester. These courses may continue the practical work in medicine, surgery, obstetrics, gynecology, etc., or may bear upon the various specialties, or may be taken in the laboratories of the underlying medical sciences.

To summarize, the time of each fourth-year student is apportioned as follows: trimester A, practical work in medicine during the entire day; trimester B, practical work in surgery during the morning, and in the afternoons short courses in ophthalmology, and in one of the special branches of medicine; trimester C, six units of elective work. In other words, each student after completing certain minimal requirements, chiefly in medicine and surgery, may extend his knowledge by taking a number of short clinical courses in various branches, or he may concentrate his attention upon the work of a few departments.

CLINICAL OPPORTUNITIES

Satisfactory clinical facilities for ninety students in each class are afforded by the Johns Hopkins Hospital and Dispensary, which occupies a site of fourteen acres immediately adjoining the grounds of the Medical School.

The Hospital is governed by its own Board of Trustees and has an endowment independent of that of the University and its Medical School, but the relations between the two institutions are most intimate; as the will of their Founder directed that the Hospital should be a part of the Medical School of the University. The superintendent of the Hospital and the heads of its main departments are members of the Medical Faculty; while the incumbents of the chief clinical chairs of the University are also members of the Medical Board of the Hospital. This interlocking arrangement has

resulted in the greatest possible utilization of the patients of the Hospital for the instruction of the third and fourth year students.

The Hospital is unusually well equipped and contains 600 beds, while its Dispensary is visited each day by more than 300 patients. In addition to the large administration building and the Marburg ward for private patients, the Hospital is made up of a group of buildings containing five large wards for white patients suffering from medical, surgical and gynecological diseases, a separate building for colored patients, an isolation and an obstetrical ward. Facilities for instruction in pediatrics, psychiatry and genito-urinary diseases are afforded by the Harriet Lane Home for Invalid Children, the Henry Phipps Psychiatric Clinic and the James Buchanan Brady Urological Institute. These three buildings are upon the Hospital grounds, and, while maintained by separate foundations, are conducted as integral parts of the Johns Hopkins Hospital.

In addition to the necessary buildings for the nurses' home, kitchen, laundry, etc., the following buildings also occupy the Hospital lot:—the Pathological and Clinical Laboratories, the general Dispensary, the Phipps' Dispensary for Tuberculosis, and the Surgical building. This latter contains not only the surgical operating rooms and amphitheatre, but also class rooms for instruction in Medicine, as well as the laboratory for surgical pathology and the laboratories of the medical clinic.

Through the courtesy of the Supervisors of City Charities of Baltimore, the Johns Hopkins University has the privilege of utilizing for clinical instruction the patients in the various departments of the City Hospitals at Bay View. During the first trimester practical instruction in mental diseases is given to the fourth-year class; during the third trimester the wards of the general and tubercular hospitals are utilized for the instruction of the third-year students in medicine, surgery and pathology; and throughout the year elective courses in medicine are available to fourth-year students.

GENERAL INFORMATION

REGISTRATION

Students will not be admitted to the undergraduate courses until they have registered at the Dean's office and paid their fees for the first trimester.

Graduate students, after receiving permission from the Heads of Departments to enter any course under their supervision, must register at the Dean's office before beginning work. Upon payment of the requisite fee, a card will be issued stating the courses which the holder is entitled to take. This card must be presented to the instructor in charge of each course, in order that its holder may be recognized and receive due credit for his work.

CHARGES FOR TUITION

The charge for tuition is two hundred and forty dollars per annum, payable in three installments, October, January and March 15. There are no extra charges, except for rental of microscope, laboratory breakage and certain expensive supplies. A deposit of ten dollars is required from each student at the time of enrollment. This caution money is repaid when the student leaves, if there are no charges against it.

The fees for graduate students and for physicians taking the summer courses will vary according to the character and number of the courses taken.

Bills may be paid at the Dean's office, or at the office of the Treasurer of the University, Homewood.

MICROSCOPES

The character of the work throughout the entire course requires the constant use of the microscope. Every student is

recommended to purchase one, but those who do not care to do so may obtain one from the School upon the payment of a yearly rental of five dollars, with an additional charge of two dollars if an oil immersion lens is desired. Microscopes thus rented must be returned in good condition at the end of the year.

Dissecting microscopes may be rented at the rate of one dollar a year.

Microscopes are not provided in the graduate courses, but may be rented at the rates just stated. A deposit of $10.00 is required, which will be refunded if the microscope is returned uninjured.

SCHOLARSHIPS

Hopkins Scholarships

Six Hopkins Scholarships are open annually to students from Maryland, North Carolina and Virginia. These scholarships give free tuition for one year and are granted to deserving students who have shown marked aptitude in their work. Three are given to fourth-year students, two to third-year students and one to a second-year student. Applications should be addressed to the Dean of the Medical School not later than May first, in accordance with a prescribed form.

The Joseph Kernochan Garr Scholarship

Through the kindness of Mrs. Henry Lee Smith, of Baltimore, the Medical Faculty is enabled to offer a scholarship amounting to $100 a year to aid a deserving student. The scholarship is known as "The Joseph Kernochan Garr Scholarship." Applications should be addressed to the Dean on May first of each year.

HOSPITAL APPOINTMENTS

At the close of the academic year in June, sixteen or more unmarried members of the graduating class are recommended to the Trustees of the Johns Hopkins Hospital for appointment as Resident House Officers, to serve for one year from the following first of September.

The selection is made as follows: (1) Not later than December 15 of each year a notice is sent to the unmarried members of the graduating class giving the number of house officers to be appointed in each service for the following year, and requesting those desiring such posts to present their written applications in person to the Superintendent of the Johns Hopkins Hospital not later than January 1, stating what service is preferred. A second or third choice may be indicated if desired. The applications will be considered at a special meeting of the Faculty to be held prior to January 15.

(2) The applicants for each service will be selected according to their standing, based upon the work of the first three years, although the Faculty reserves the right to take into consideration the personal fitness of the applicants.

The individual standing of the students will not be posted, but they will be informed whether they stand in the first, second or last third of the class. Should the necessary number of house officers not be obtained from the first group, the remainder may be selected without regard to their standing.

One or more places on each staff may be awarded, if so desired by the head of the department, to graduates from other schools or to earlier graduates of the Johns Hopkins Medical School. After confirmation by the Trustees of the Johns Hopkins Hospital, such appointees assume their duties on September 1.

The appointments of the resident physician, surgeon, gynecologist and obstetrician, etc., of the Johns Hopkins Hospital are permanent. The various resident assistantships under these are annual appointments, subject to renewal.

MEDICAL SUPERVISION OVER STUDENTS

The University appoints and pays an official medical adviser to the students of the Medical Department. This officer has a definite hour for consultation, and, when requested, is expected to visit in their own homes such students who are too ill to come to him, and to obtain for them the services of specialists when necessary.

Dr. Arthur L. Bloomfield, the Resident Physician to the Hospital, holds this position for the current academic year.

In order to guard more carefully the health of the students, the Medical Faculty decided in 1909, that all entering students should undergo a medical examination. During the month of October each student is directed to report to one of a group of physicians selected for this purpose, when a careful physical examination is made and the results are recorded and placed on file. If unsatisfactory conditions are discovered the student is given appropriate advice.

A competent physician is also appointed to supervise the hygienic condition of all boarding houses which advertise through the office for the patronage of students. A list of such houses as satisfy his requirements is posted in the office of the Medical School.

LIBRARIES

The University Library contains 196,722 volumes, selected with especial reference to the instruction here given. It is arranged in several collections.

The works relating to medicine are placed in special libraries in the Hospital and in the Medical School, and are readily accessible to students and to the workers in the laboratories. The leading medical periodicals of the world are

regularly received and complete sets of the more important journals are on the shelves.

The library of the Medical and Chirurgical Faculty of Maryland, 1211 Cathedral Street, contains 31,750 volumes, and is conducted in affiliation with the library of the Medical School. Other libraries of Baltimore are the Peabody, the Enoch Pratt, and the New Mercantile, with 223,425, 336,541 and 91,342 volumes respectively. With the exception of the last-named, these libraries are open to students of the Medical School without charge.

Washington is so near that its libraries and museums may be easily utilized. Among the chief institutions of interest to students are: The Smithsonian Institution and National Museum, the Library of Congress, the Library of the Surgeon-General's office, and the Libraries of the various Departments and Bureaus.

MEDICAL SOCIETIES

The Hospital Medical Society, the Laennec Society and the Historical Club meet at the Hospital regularly throughout the academic year. These, as well as the regular meetings of the Baltimore City Medical Society, held in the Medical and Chirurgical Building, are open to students.

PUBLICATIONS

The Bulletin of the Johns Hopkins Hospital, issued monthly, contains articles by those connected with the Medical School and Hospital and the proceedings of the Hospital Societies. The Johns Hopkins Hospital Reports contain the larger monographs and results of researches in the Hospital and the laboratories of the Medical School.

DEPARTMENTS OF INSTRUCTION AND ANNOUNCEMENT OF COURSES

DEPARTMENTS OF INSTRUCTION

The following statements are designed to exhibit the opportunities and the character of the instruction and practical work in each department.

ANATOMY

Franklin P. Mall, M. D., Professor of Anatomy.
Warren H. Lewis, M. D., Professor of Physiological Anatomy.
Florence R. Sabin, M. D., Associate Professor of Anatomy.
Edmund V. Cowdry, Ph. D., Associate in Anatomy.
Lewis H. Weed, M. D., Associate in Anatomy.
Paul G. Shipley, M. D., Associate in Anatomy.
Charles C. Macklin, M. B., Instructor in Anatomy.
Robert S. Cunningham, M. D., Instructor in Anatomy.
George B. Wislocki, M. D., Assistant in Anatomy.

Courses of instruction are provided in various anatomical sciences—embryology, histology, microscopic anatomy, neurology and gross human anatomy—and opportunities are afforded for advanced work and investigation in these sciences.

The required courses (I, II, III and IV) for candidates for the degree of Doctor of Medicine may be completed during the first year of the medical course.

Physicians and students not candidates for a medical degree may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

Required Courses

I. Systematic Course in the Anatomy of the Human Body. Professor Lewis, Dr. Weed, Dr. Macklin, and Dr. Cunningham. Autumn trimester, daily 9-12.

II. Systematic Course in the Anatomy of the Human Body. Continuation of Course I. Professor Lewis,

Dr. Weed, Dr. Macklin, and Dr. Cunningham. Winter trimester, daily 9-12.

In courses I and II the student makes a complete dissection of the lateral half of the body, using atlases and textbooks as guides. The work of each student is largely independent.

III. Histology, Organology and Neurology. Professor Mall, Professor Sabin, Dr. Cowdry, Dr. Shipley and Dr. Wislocki. The course in histology is given in the first two trimesters of the first year. Autumn trimester, laboratory work, Monday, Wednesday and Friday, 2-5; lecture, Thursday, 2-3. Winter trimester, laboratory work, Monday and Wednesday, 2-5; lecture, Tuesday, 2-3.

The object of the course is to give the student a familiarity with the normal appearances of the tissues of the body. The lectures are to correllate what the student sees under the microscope with our knowledge of the function of cells. The laboratory work consists in training in the use of the microscope for the study of the tissues of the body and their relations in organs. Stress is laid on the relation of the microscopical to the macroscopical appearance of specimens. Fresh tissue is used in reference to evidences of cellular function; the technique of cutting frozen sections is given and students are taught the use of stains for the purpose of analyzing the characteristics of particular cells and the differences between cells. In connection with the laboratory course demonstrations are given which are designed to illustrate the range of histological technique.

IV. Organology and Neurology. Professors Mall and Sabin, Drs. Cowdry, Shipley and Wislocki. Monday and Wednesday, 2-5. Lectures, Professor Sabin and Dr. Cowdry. Tuesday, 2-3. Winter trimester.

The anatomy of the nervous system is given as a part of the work in organology. The laboratory work is intended to give the student a knowledge of the position and relations of the nuclei and the tracts of the brain and cord as far as

they can be made out in gross specimens and in dissections. This is supplemented by the study of serial sections and by demonstrations which cover especially the methods of degeneration and successive myelenization. The lectures are a guide to the laboratory course and aim to present the type of evidence on which our present conceptions of the nervous system are based.

Elective Courses

V. Physiological Anatomy. Professor Lewis. Autumn and Winter trimesters. Tuesday, 12-1.

VI. Study-Room Course in Anatomy. Professor Lewis. Autumn and Winter trimesters, daily, 9-12.

VII. Topographical Anatomy. Dr. Cunningham. Winter trimester, daily, 9-12.

VIII. Special Histology. Dr. Shipley. Winter trimester, Thursday, 2-3.

IX. Blood. Dr. Shipley. Winter trimester, Friday, 2-5.

X. Cytology. Dr. Cowdry. Original investigation. Autumn, Winter and Spring trimesters.

XI. Advanced Human Embryology. Professor Mall. Autumn, Winter and Spring trimesters.

XII. Development of the Osseous System. Dr. Macklin. Autumn and Winter trimesters.

XIII. Development of the Vascular System. Professor Sabin. Original investigation. Autumn, Winter and Spring trimesters.

XIV. Original Investigation. Autumn, Winter and Spring trimesters, daily.

XV. Gross Anatomy for Graduates in Medicine. Professor Lewis. Fall, Winter and Spring trimesters. Hours arranged with the instructor.

Dissection, study of prepared specimens and of frozen sections. Fee $25.00.

PHYSIOLOGY

WILLIAM H. HOWELL, M. D., Professor of Physiology.
DONALD R. HOOKER, M. D., Associate Professor of Physiology.
CHARLES D. SNYDER, Ph. D., Associate Professor of Physiology.
STANLEY COBB, M. D., Assistant in Physiology.
C. VERNON LYNCH, A. B., Lecture Assistant in Physiology.

The course in physiology extends from January of the first year to January of the second year.

The work consists of a systematic course of lectures covering the subject of animal physiology, experimental work in the laboratory, demonstrations and recitations. Recitations are held upon the subject-matter covered by the lectures and laboratory work.

The course as arranged for 1916-1917 is as follows:

I. PHYSIOLOGY OF SECRETION, DIGESTION AND NUTRITION—1916. Dr. Howell, twice weekly from October to January. Second year class.

II. LABORATORY COURSES IN EXPERIMENTAL PHYSIOLOGY. Drs. Howell, Hooker, Snyder, Cobb, and Lynch. Two mornings and two afternoons weekly during the first and the third trimesters. Half of the class takes this course in the third trimester of the first year, and the other half during the first trimester of the second year. This laboratory course is arranged to occupy twelve hours a week for about twelve weeks.

III. PHYSIOLOGY OF MUSCLE AND NERVE, CENTRAL NERVOUS SYSTEM, AND SPECIAL SENSES—1917. Dr. Howell and Dr. Snyder, four times weekly during the second trimester. First year class.

IV. PHYSIOLOGY OF BLOOD, CIRCULATION AND RESPIRATION—1917. Dr. Hooker. Lectures and Demonstrations. Twice weekly during the third trimester. First year class.

In addition to the foregoing exercises, students are given opportunities to participate in the more advanced courses, intended primarily as graduate work. These courses are as follows:

V. Journal Club. One hour weekly during the year. Those who participate in the work of this course are expected to report from time to time upon papers of physiological interest that may appear in current journals.

VI. Advanced Laboratory Course. This course is not limited as to time or amount of work except that assistance from the professor of physiology must be arranged for by definite engagements. The instruction is given individually and may involve undertaking a definite investigation.

PHYSIOLOGICAL CHEMISTRY

Walter Jones, Ph. D., Professor of Physiological Chemistry.
D. Wright Wilson, Ph. D., Associate in Physiological Chemistry.

Instruction in this branch is given by laboratory work, lectures, demonstrations, and conferences of a less formal character. The work in the laboratory is conducted in two sections which meet in the third trimester of the first year, and in the first trimester of the second year respectively. The exercises are conducted on Tuesdays and Thursdays, from 10 to 1 in the morning, and from 2 to 5 in the afternoon.

I. Laboratory Work. Professor Jones and Dr. Wilson.

(*a*) A short preliminary course on the chemistry of various substances, such as proteins, fats and carbohydrates, which are usually not familiar to the student of pure chemistry but which should be understood in order that he may intelligently execute the work that follows.

(*b*) A course of qualitative analysis in which some examination is made of nearly every tissue and fluid of the body. Blood, liver, milk (colostrum), muscle, gastric juice, adipose tissue, bone and bile receive special attention, and whenever material is available a study is made of pathological fluids and concretions. The order adopted in the consideration of the chemical topography of the body is

such as to emphasize as far as possible, the chemical processes which are going on in the body.

(*c*) A study of those physiological chemical processes that can be closely imitated outside the body, as the action of enzymes, salivary, pancreatic, and gastric digestion.

(*d*) Class experiments. Demonstrations by the instructor in which the entire class usually takes part.

(*e*) Quantitative analysis. Determination of normal and pathological constituents of urine; analysis of milk, gastric juice, stomach-washing, air, water, and foods. Students are required to execute various metabolism experiments in order to familiarize themselves with the chemical technique and with the problems of dietetics, etc., involved in such work.

(*f*) Examination of the fæces with special references to putrefactive processes.

II. Conferences. Dr. Wilson. Informal conferences are held at which the laboratory work is discussed and the progress and needs of the students are considered. Here also the recent literature that bears directly on the work is reviewed.

III. Lectures. Professor Jones. A brief survey of the entire province of physiological chemistry. Emphasis is given to that part of the subject which for obvious reasons must be omitted from a laboratory course.

Graduate Work

Physiological Chemistry, *Elementary.* March 15 to June 1. Professor Jones.

A limited number of physicians or others who have had the requisite preliminary training in chemistry will be received for the laboratory course and lectures given to the medical students. Fee $25.00.

Physiological Chemistry, *Advanced.* Professor Jones and Dr. Wilson.

Those who have the necessary preliminary training and

who desire to do work of a special character will be received at any time during the academic year. Fee $50.00, for the year.

PHARMACOLOGY, EXPERIMENTAL THERAPEUTICS, TOXICOLOGY AND PHARMACY

John J. Abel, M. D., Professor of Pharmacology.
Eli K. Marshall, Jr., Ph. D., Associate in Pharmacology.
Paul D. Lamson, M. D., Associate in Experimental Therapeutics.
Charles A. Rouiller, Ph. D., Associate in Pharmacology.
Carl Binger, M. D., Assistant in Pharmacology.
David I. Macht, M. D., Lecture Assistant.
Charles Caspari, Jr., Lecturer in Pharmacy.
Hans Lieb, Lecturer on Special Analytical Methods.

I. Pharmacology. An elective course in this subject occupying one afternoon a week is offered in the second trimester of the second year. The physiological action of a selected list of drugs and poisons is made the subject of this course and the afternoon's work, performed by the student under the immediate supervision of the instructor, is preceded by brief statements of the significance and bearing of the experiment in hand. The aim of this course is to give a clear idea of the general principles and of the more important phenomena involved in the study of pharmacology.

A course of lectures with demonstrations and recitations covering the subject of pharmacology is given during the first and second trimesters. In the first trimester the course is given from 10 to 11 a. m., two days of the week, and in the second trimester from 12 to 1, three days of the week. It is the purpose of this course to treat the subject in a manner adapted to the needs of the medical student. As this course requires much outside reading it will be estimated at one and two-fifth units.

In the third trimester a course of lectures and demonstrations is given once a week on prescription writing and the dosage of the more important pharmacopœial preparations.

Experimental therapeutics is carried on as part of the research work of the department.

II. Toxicology. An elective laboratory course in this subject is offered in the second trimester. This course occupies one afternoon a week during the trimester and deals with the subjects both from the chemical and medical points of view.

III. Pharmacy. Pharmacy is treated by Professor Charles Caspari, Jr., in a course of demonstrations and lectures, once weekly for three months. Weights and measures, incompatibles, special points relating to prescriptions and the official pharmacopœial preparations are fully dealt with. The more important preparations are made before the class.

IV. Practical Course in Pharmacy. An elective course designed especially for students of the second year, is given by Professor Caspari and his assistant, on Mondays at 4 p. m. during the third trimester. All typical pharmacopœial preparations are made and typical prescriptions are compounded by each student. One-half unit.

Graduate Work

Pharmacology and Experimental Therapeutics, *Advanced.* Professor J. J. Abel and members of the staff.

Those who have had the necessary preliminary training and who desire to do work of a special character may be received at any time during the academic year.

PATHOLOGY, BACTERIOLOGY AND HYGIENE

William H. Welch, M. D., Professor of Pathology.
William W. Ford, M. D., Associate Professor of Hygiene and Bacteriology.
Milton C. Winternitz, M. D., Associate Professor of Pathology.
Montrose T. Burrows, M. D., Associate in Pathology.
Harry C. Schmeisser, M. D., Instructor in Pathology.
Charles A. Laubach, Instructor in Hygiene and Bacteriology.
Samuel Goldschmidt, M. D., Instructor in Pathology.

Admont H. Clark, M. D., Instructor in Pathology.
Stanhope Bayne-Jones, M. D., Instructor in Pathology.
Marion F. Haralson, M. D., Assistant in Bacteriology and Hygiene.
Raymond S. Hussey, M. D., Assistant in Pathology.
H. Hayes Bullard, M. D., Assistant in Pathology.
John C. Lyman, M. D., Assistant in Pathology.
Joseph S. Lawrence, M. D., Assistant in Bacteriology and Hygiene.
Lloyd D. Felton, M. D., Assistant in Pathology.

General pathology, special pathological anatomy and histology, and bacteriology are taught by laboratory work, demonstrations, recitations and lectures. The courses in pathology come in the first and second trimesters of the second year; those in bacteriology in the third trimester of the first year.

I. The Conduct of Autopsies. Dr. Winternitz and Staff. The autopsies are made in the Pathological building and are witnessed by the students of the second, third and fourth years. Students are permitted to assist at post-mortem examinations and are instructed in the methods of making such examinations and of recording the results in proper protocols.

II. Demonstrations in Gross Morbid Anatomy. Dr. Winternitz and Staff, 12-1, twice a week in two divisions during the 1st, and 9-10 during the 3rd trimester, and three times a week, from 10-12, in three divisions during the 2nd trimster in the Pathological laboratory and at Bay View. The gross morbid specimens, collected during the week, are demonstrated to students of the second year. In addition, fresh and museum specimens are exhibited in the course in pathological histology to illustrate the macroscopical appearances of the morbid conditions studied by the microscope.

III. Bacteriology. Professor Welch, Professor Ford, third trimester (March 15 to June 1), Monday afternoon, Wednesday and Friday mornings, first year class. This is a practical laboratory course in which the students become familiar with the preparation of culture media, the principles of sterilization and disinfection, the methods of cultivating, staining, and studying bacteria, the biological examination of

air, water, and soil, and the important species of pathogenic micro-organisms. The hygienic as well as the pathological relations of bacteriology are considered.

IV. Lectures on Infection and Immunity. Professor Welch, Wednesdays, and Fridays, 4 to 5, third trimester, first year class. During the course in bacteriology lectures are given devoted mainly to the consideration of subjects pertaining to infection and immunity.

V. General Pathology, Pathological Anatomy and Pathological Histology. Professor Welch, Professor Winternitz and staff. Monday, Wednesday and Friday afternoons, 2 to 5, during the first and second trimesters, second year class. The subjects are covered, as far as practicable, by demonstrations, lectures and laboratory work. Pathological histology is taught as a part of pathological anatomy, the description and demonstration of gross lesions being followed by their microscopical examination.

VI. Recitations. Professor Welch, Mondays at 12, throughout the year. Weekly recitations cover the work done by the students of the first and of the second years in their laboratory exercises, in bacteriology and in pathology, as well as subjects treated in lectures and those reserved more especially for text-book study.

VII. Clinical and Pathological Conference. Wednesday at 12 m. throughout the year. (See Department of Medicine, page 86.)

VIII. Advanced Work and Special Research. Opportunity is afforded to those suitably trained to pursue advanced work and special research in pathological anatomy and histology, experimental pathology, and bacteriology. For these purposes the pathological laboratory is equipped with the necessary apparatus and material.

IX. Immunology and Special Bacteriology. Dr. S. Bayne-Jones. Recent donations to the Department have established a new laboratory for investigation in immunology and special bacteriology. As the efforts of this department will be directed to the study of problems in infectious dis-

eases, the work will supplement that of the course in general bacteriology and will include serological procedures of especial clinical significance. A course in serum-study and advanced bacteriology will be offered to students, for the purpose of providing them with an opportunity to gain laboratory experience in the fundamental and recent methods of immunology. This course will be open to a limited number of students of the Third and Fourth Year Classes and will be offered during the Second Trimester, on Wednesdays and Fridays, from 2-5 p. m. Facilities will be provided at all times for students who wish to conduct independent investigations in this subject.

Experimental Pathology

The division of experimental pathology has been established, on the basis of courses already given, for the purpose of giving instruction concerning the abnormal activities of organs which result from pathological lesions.

This work is largely experimental and obviously closely allied to experimental medicine and physiology. The course will consist of informal lectures, experiments, operations and demonstrations given during the second trimester on Thursdays, 9-12 a. m.

The main object of the course is to give students elementary training in the *methods of research*: not to give a fixed series of demonstrations dealing with any one organ or system. The exercises will be concerned chiefly with the problems which are interesting the workers at the Hunterian Laboratory so that the entire group may be familiar with all the problems under investigation. For this reason it is desired that the students taking this course may proceed with independent investigation of problems which are closely related to the work already in progress. Facilities for this work will be available during the entire year. Room is available for a limited number of advanced workers who may desire to investigate problems in experimental pathology.

Hygiene

The instruction consists of:

1. Didactic lectures given to the students of the third year during the third trimester. These lectures are designed to cover the principal facts in the epidemiology of the infectious diseases, and the measures which may be adopted to prevent their spread.

The water-borne diseases, such as Asiatic cholera and typhoid fever, the insect-borne diseases, such as malaria, yellow fever, and typhus fever, the communicable diseases, the social diseases, and the exanthemata of childhood are considered in detail.

Special lectures are also devoted to vital statistics, climate, soil, ventilation, sewerage, disposal, water supplies, sand filtration, and milk control.

2. Practical Hygiene and Advanced Bacteriology.

A laboratory course in the chemical and bacteriological analysis of water, milk, sewage, and disinfectants with instruction in the use of instruments of precision is given during the first or second trimester to any students who have completed their work in bacteriology. Especial attention is paid to the bacteriological diagnosis of the infectious diseases and to the methods employed in public health laboratories and in hospitals. Weekly inspections are made of Public Health Institutions in Baltimore and Washington—such as the Baltimore Sewage Disposal Plant; The Washington Filtration Plant; The Walker-Gordon Dairy Farm; the Hygienic Laboratory of the Public Health and Marine Hospital Service; and the Laboratories of the Maryland and Baltimore Departments of Health.

3. Immunity and Serology. A course in the principles of immunity is given in the second trimester to a limited number of students. The methods of testing haemolysins, agglutins, bacterolysins, opsonins, precipitins and toxins will be demonstrated and the students will receive special instruction in the immunization and care of animals. The practical

work will be accompanied by lectures devoted to the various theories of immunity.

4. Special Investigation. A limited number of students are taken into the laboratory for advanced work in Hygiene and Bacteriology. They are given special problems to work out independently or in connection with the instructors in the department. Facilities will also be afforded medical graduates who desire to train themselves in Public Health work.

Graduate Work

Pathology. A limited number of physicians will be received during the year in the courses in bacteriology and pathology. Fee for the year $50.00, for half year $25.00. Apply to Professor Welch.

Hygiene. A limited number of graduates are admitted to the laboratory course in Hygiene. Fee $50.00. Apply to Professor Ford.

MEDICINE

(Including Work in the Clinical Laboratories)

Theodore C. Janeway, M. D., Professor of Medicine.
Herman O. Mosenthal, M. D., Associate Professor of Medicine.
Paul W. Clough, M. D., Associate Professor of Medicine.
Clyde G. Guthrie, M. D., Associate Professor of Medicine.
Allen K. Krause, M. D., Associate Professor of Medicine.
Thomas P. Sprunt, M. D., Instructor in Medicine.
Arthur L. Bloomfield, M. D., Instructor in Medicine.
Eveleth W. Bridgman, M. D., Instructor in Medicine.
Robert L. Levy, M. D., Instructor in Medicine.
Norman M. Keith, M. D., Instructor in Medicine.
Mildred Clark, M. D., Assistant in Medicine.
Frank A. Evans, M. D., Assistant in Medicine.
V. P. W. Sydenstricker, M. D., Assistant in Medicine.
Samuel W. Clausen, M. D., Assistant in Medicine.
Marjorie D. Batchelor, M. D., Assistant in Medicine.
Henry B. Richardson, M. D., Assistant in Medicine.
Alma Hiller, B. A., Assistant in Medicine.
Linde B. Lange, M. D., Assistant in Medicine.

Lewellys F. Barker, M. D., Professor of Clinical Medicine.
William S. Thayer, M. D., Professor of Clinical Medicine.
Thomas B. Futcher, M. D., Associate Professor of Clinical Medicine.
Thomas R. Boggs, M. D., Associate Professor of Clinical Medicine.
Louis Hamman, M. D., Associate Professor of Clinical Medicine.
Frank R. Smith, M. D., Associate in Clinical Medicine.
Thomas R. Brown, M. D., Associate in Clinical Medicine.
John A. Luetscher, M. D., Associate in Clinical Medicine.
Louis P. Hamburger, M. D., Associate in Clinical Medicine.
Charles R. Austrian, M. D., Associate in Clinical Medicine.
Walter A. Baetjer, M. D., Associate in Clinical Medicine.
J. Hall Pleasants, M. D., Instructor in Clinical Medicine.
J. Albert Chatard, M. D., Instructor in Clinical Medicine.
Samuel Wolman, M. D., Instructor in Clinical Medicine.
Henry L. Smith, M. D., Instructor in Clinical Medicine.
Charles W. Larned, M. D., Instructor in Clinical Medicine.
John H. King, M. D., Instructor in Clinical Medicine.
David I. Macht, M. D., Instructor in Clinical Medicine.
Robert W. B. Mayo, M. D., Instructor in Clinical Medicine.
Sydney R. Miller, M. D., Instructor in Clinical Medicine.
Albert Keidel, M. D., Instructor in Clinical Medicine.
Martin F. Sloan, M. D., Instructor in Clinical Medicine.
Eugene J. Leopold, M. D., Assistant in Clinical Medicine.
Caroline B. Towles, M. D., Assistant in Clinical Medicine.
Mary A. Hodge, M. D., Assistant in Clinical Medicine.
Isidore I. Hirschman, M. D., Assistaat in Clinical Medicine.
Hiram Fried, M. D., Assistant in Clinical Medicine.
John T. King, Jr., M. D., Assistant in Clinical Medicine.
Edward V. Coolahan, M. D., Assistant in Clinical Medicine.

The teaching is in the dispensary, in the clinical laboratories, in the wards, and in the clinical amphitheatre. Emphasis is laid on practical instruction, by which the student is brought directly in contact with the patients and taught from the outset how to recognize and treat disease as it occurs in nature, not in books.

A. *Primarily for Students of the Third Trimester of the Second Year.*

1. Introduction to Clinical Medicine. Two clinics and two conferences a week are held by Professor Janeway at

which cases illustrating important groups of diseases or showing striking symptoms are presented and discussed from the standpoint of the student's knowledge of physiology and general pathology.

2. Physical Diagnosis.

a. *Practical Instruction.* In small groups once a week from 10 to 12. Dr. Bridgman, with the assistance of Drs. Hamburger, Austrian, Pleasants, Chatard, Wolman, Sprunt, and J. T. King, Jr.

b. *Demonstrations.* Two hours weekly. Dr. Bridgman.

c. *Recitation.* One hour weekly. Dr. Bridgman.

3. Introductory Lecture Courses.

a. *Applications of Chemistry to Internal Medicine.* Associate Professor Mosenthal. Five lectures.

b. *Applications of Biology to Internal Medicine.* Associate Professor Clough.

B. *Primarily for Students of the Third Year.*

4. Physical Diagnosis. During the first half-year.

a. *Practical Instruction.* In small groups, two hours four times a week for one-eighth of the year. Dr. Bridgman, with the assistance of Drs. Hamburger, Pleasants, Chatard, Wolman, Sprunt, J. T. King, Jr., and Hirschman.

b. *Recitation.* One hour weekly, first and second trimesters. Dr. Bridgman.

5. Practical Clinical Instruction. In sections, Mondays, Wednesdays, Thursdays, and Saturdays, from 10 to 12. Each quarter of the class is assigned to the medical dispensary two days a week for one quarter of the year. Each patient coming to the dispensary is assigned to a student, who takes the history, makes the physical examination, and reports to one of the instructors, who reviews his work.

6. Clinical Instruction at Bay View. During the second half-year each quarter of the class spends one morning a week at the City Hospital, Bay View, under the direction of Associate Professor Boggs.

7. Laboratory Diagnosis.

Associate Professor Guthrie, assisted by Drs. W. A. Baetjer, S. R. Miller, Evans, and M. D. Batchelor, conducts throughout the year, a course in microscopical and chemical diagnosis. For this work, three lectures and two afternoons a week in the laboratory are required. The course is a systematic one in which the students are trained in the clinical methods of examining sputum, gastric contents, urine, fæces, and blood, utilizing the materials obtained from the wards for the practical work.

Under the subjects of blood and fæces particularly, attention is given to the diagnosis of the various parasitic infections, important clinically, with a consideration of the parasites and carriers concerned, as an introduction to Tropical Medicine.

Considerable practical work is required outside of the regular class hours.

Two of the large rooms of the clinical laboratory are devoted exclusively to the third year students. Each student has his own place in the laboratory, with locker, microscope, reagents, etc.

8. Clinical Medicine.

a. *Clinical Lectures and Conferences.* The important groups of diseases will be presented and discussed in two clinical lectures and one conference a week during the first half-year, and one clinical lecture and one conference a week during the second half-year, by Professor Thayer, Associate Professors Mosenthal, Futcher and Clough, and Drs. T. R. Brown and Austrian.

b. *Dispensary Clinics.* Associate Professor Hamman on Thursday at 12 throughout the year, and Associate Professor Futcher on Monday at 12 for the second half-year, will hold a clinic at the close of the practical instruction in the dispensary.

c. *The Saturday Clinic.* On Saturdays at noon the third year students meet with those of the fourth year for a general clinic in the medical amphitheatre of the hospital.

Professor Janeway, first and second trimesters; Professor Barker, third trimester.

9. THERAPEUTICS. Dr. Bloomfield, assisted by Dr. Levy.

a. *Demonstrations* once a week throughout the year. Practical demonstrations of the various therapeutic procedures, such as bleeding, aspiration, and paracentesis, the simpler hydrotherapeutic procedures, etc. The general care of patients in the treatment of special diseases is considered; dietetic treatment and the preparation of the simpler foods are described. The various groups of drugs are studied from the standpoint of their indications and the methods of their use in the treatment of disease, and the students observe their effects as employed in the regular treatment of the patients in the medical wards of the hospital.

b. *Recitation* once a week for the third trimester.

10. SYPHILIS. Clinical lecture, Tuesday from 4.30 to 5.30, during the first trimester. Dr. Keidel.

11. TUBERCULOSIS. Lecture, Tuesday, from 4.30 to 5.30, during the second trimester. Associate Professor Krause.

12. ELECTIVE COURSES.

a. *Medical Dispensary.* Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, during February and March. Associate Professors Futcher and Hamman.

b. *Tuberculosis.* In the Phipps Dispensary, Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, for the second half-year, limited to six students. Dr. Austrian.

c. *Diseases of the Stomach and Intestines.* Mondays and Wednesdays, from 10 to 12, during the second half-year. Dr. T. R. Brown.

d. *The Cardiac Arhythmias.* Lecture, Fridays at 4.30, during the second trimester. Dr. Bridgman.

e. *Summer Work in the Dispensary.* After the completion of the second and third years the students have an opportunity to assist in the dispensary during the summer months. Associate Professors Futcher and Hamman.

f. *Advanced Work and Research.* (See page 90.)

C. *Primarily for Students of the Fourth Year.*

The students are divided into three equal groups, each group serving for one trimester, successively, in the medical, surgical, and elective divisions of the hospital.

13. Ward Work. The members of each medical group serve for a trimester as clinical clerks in the medical wards of the hospital, to which they have access from 8 a. m. to 5 p. m. A number of beds are assigned to each student, who makes the necessary examinations under the guidance and direction of the medical staff.

A large room of the clinical laboratory is devoted exclusively to the fourth year class. Here each student has a place with a microscope, reagents, etc., throughout the session, and can engage in any special work.

In addition to the ordinary routine work, each student is encouraged to make studies with some especial method and to make a report of his experiences with it.

14. Ward Classes. Every morning, at 9, a ward visit is made by the Professor, one of the Associate Professors or Clinical Professors, or the Resident Physician.

15. The Saturday Clinic. At 12 o'clock on Saturday, the fourth year students attend a general medical clinic in the amphitheatre. The clinical clerks read the histories of the new cases brought before the class, and report on the progress of cases previously shown. Professor Janeway, first and second trimesters; Professor Barker, third trimester.

16. Advanced Medical Clinic. At 12 o'clock on Tuesday during the first and second trimesters, Professor Barker will give clinical lectures in the amphitheatre on selected topics.

17. Clinical and Pathological Conference. At 12 o'clock on Wednesday, a clinical and pathological conference is held throughout the academic year in the pathological laboratory. Professor Janeway, first and second trimesters; Professor Thayer, third trimester; with Associate Professor Winternitz.

18. Disorders of Metabolism. Elective course. Associate Professor Mosenthal. A few properly qualified students will be accepted for practical work in the dispensary, Tuesdays from 10 to 12, and to undertake special investigations in the chemical laboratory.

19. Medical Bacteriology. Elective course. Drs. Clough and Sydenstricker. Practical work open to members of the medical section each trimester. At suitable times opportunity will be afforded to small groups to familiarize themselves with the technique of the various diagnostic procedures carried on in the bacteriological laboratory. Informal talks and laboratory demonstrations will be given.

20. Advanced Course in the Phipps Dispensary for Tuberculosis. Elective course. Associate Professor Krause and Dr. Austrian. Second trimester. Limited to four students.

a. Clinical portion, Tuesdays and Fridays, 10 to 12 m.

b. Laboratory portion, two mornings a week from 10 to 12.

21. Extramural Course in the Study of Tuberculosis. At the City Hospital, Bay View. Elective course. Dr. Wilson. Limited to eight students.

22. Diseases of the Stomach and Intestines. Elevtive course. Fridays from 12 to 1, during the third trimester. Dr. Brown.

23. Diagnosis and Treatment of Some Minor Ailments. Elective course. Tuesdays, 12 to 1, third trimester. Dr. Hamburger.

24. The Cardiac Arhythmias. Elective course. Lecture Fridays at 4.30, second trimester. Dr. Bridgman.

25. Syphilis. Elective course.

a. *Clinic.* Thursdays from 4 to 5 p. m., during the year. Dr. Keidel.

b. *Practical Work* in the syphilis department of the dispensary, Tuesdays, Thursdays and Saturdays, from 2 to 3.30. Dr. Keidel.

26. Medical Urology. Local conditions in the genito-urinary tract which may give rise to general constitutional effects. Relation of diseases of the central nervous system to vesical disturbances. Nephritis in relation to the functional methods of diagnosis. Medical care of urological patients requiring surgical treatment. One hour a week in second trimester. Elective. Fourth year. Dr. Keith.

27. Advanced Work and Research. Students of the third and fourth years may, if fitted for it and with the permission of Professor Janeway, undertake advanced work and research in internal medicine (see below).

Graduate Work

28. Medicine, Elementary. A limited number of physicians may be admitted to the regular exercises of the third or fourth year classes, including ward classes, clinics, and the work in the clinical laboratory, but cannot be received as clinical clerks in Course 13. Fee $100.00 for the entire year; $50.00 for half a year. Applications should be made to Professor Janeway.

Beginning June first, various courses are offered to graduates in medicine, as designated on page 111.

29. Medicine, Advanced Work and Research. Physicians properly trained in fundamental methods who are desirous of pursuing some definite lines of investigation may be admitted to the clinic as voluntary assistants. The facilities available for this purpose comprise the medical wards of the hospital, the medical dispensary service, and the following laboratories of the clinic: the general clinical laboratory, the chemical laboratory, the biological and bacteriological laboratories, the heart station, the Kenneth Dows Laboratory for Tuberculosis, and the Hunterian Laboratory of Experimental Medicine.

DISEASES OF THE NERVOUS SYSTEM

Henry M. Thomas, M. D., Clinical Professor of Neurology.
G. Lane Taneyhill, Jr., M. D., Instructor in Clinical Neurology.
Charles M. Byrnes, M. D., Instructor in Clinical Neurology.

The following required courses are given:

For students of the third trimester of the Second Year.

I. Introduction to Neurology, Friday, 3 to 4 p. m.

For students of the third year.

II. Practical work. The class is divided into four sections and each section works in the Neurological dispensary from 10 a. m. to 12 m., twice a week for one quarter of the year, and once a week during the second half-year.

III. Recitation or clinic. Tuesday, 11 a. m. to 12 m.

IV. Recitation or clinic. Friday, 12 to 1 p. m., after April 1.

The following elective courses are offered during the fourth year:

I. Nervous dispensary. Daily, 10 to 11 a. m., repeated each trimester.

II. Nervous diseases, Tuesday and Thursday, 12 m. to 1 p. m., repeated each trimester.

SURGERY

William S. Halsted, M. D., Professor of Surgery.
George J. Heuer, M. D., Associate Professor of Surgery.
Emil Goetsch, M. D., Associate in Surgery.
Mont R. Reid, M. D., Instructor in Surgery.
Walter E. Dandy, M. D., Instructor in Surgery.
Charles A. Waters, M. D., Instructor in Actinography.
Roger P. Batchelor, M. D., Instructor in Surgery.
Ernest G. Grey, M. D., Instructor in Surgery.
William C. Duffy, M. D., Assistant in Surgery.

John M. T. Finney, M. D., Professor of Clinical Surgery.
Joseph C. Bloodgood, M. D., Associate Professor of Clinical Surgery.
Frederick H. Baetjer, M. D., Associate Professor of Actinography.

Richard H. Follis, M. D., Associate in Clinical Surgery.
N. E. B. Iglehart, M. D., Instructor in Clinical Surgery.
Omar B. Pancoast, M. D., Instructor in Clinical Surgery.
William A. Fisher, M. D., Instructor in Clinical Surgery.
J. Staige Davis, M. D., Instructor in Clinical Surgery.
Bertram M. Bernheim, M. D., Instructor in Clinical Surgery.
Harvey B. Stone, M. D., Instructor in Clinical Surgery.
Harry L. Homer, M. D., Assistant in Clinical Surgery.
J. William Pierson, M. D., Assistant in Clinical Roentgenology.

Urology

Hugh H. Young, M. D., Clinical Professor of Urology.
John T. Geraghty, M. D., Associate Professor of Clinical Urology.
David M. Davis, M. D., Associate in Urology.
William A. Frontz, M. D., Instructor in Urology.
J. A. Campbell Colston, M. D., Instructor in Urology.
Frederick W. Hobelman, M. D., Instructor in Clinical Urology.
Jonathan E. Burns, Jr., M. D., Assistant in Urology.

Orthopedic Surgery

William S. Baer, M. D., Associate Professor of Clinical Orthopedic Surgery.
DuMont F. Elmendorf, M. D., Assistant in Orthopedic Surgery.
George E. Bennett, M. D., Associate in Clinical Orthopedic Surgery.
Roades Fayerweather, M. D., Instructor in Clinical Orthopedic Surgery.
Howard E. Ashbury, M. D., Assistant in Clinical Orthopedic Surgery.

Laryngology

Samuel J. Crowe, M. D., Associate Professor of Clinical Laryngology.
Henry R. Slack, M. D., Instructor in Clinical Laryngology.
S. Shelton Watkins, M. D., Assistant in Laryngology.
J. Julian Chisolm, M. D., Assistant in Laryngology.
Charles L. McCarthy, M. D., Assistant in Laryngology.
Hoagland C. Davis, M. D., Assistant in Clinical Laryngology.

The teaching is in the dispensary, in the wards and operating rooms of the Hospital, in the clinical laboratory and in the Hunterian Laboratory of Experimental Medicine.

A required introductory course is given in the third tri-

mester of the SECOND YEAR consisting of clinics and recitations and practical work in bandaging, by Drs. Finney, Heuer, Homer and Davis.

The principal subjects of the THIRD YEAR are the general principles of surgery, surgical diagnosis, surgical pathology and operative surgery in the laboratory.

I. CLINICS. A weekly clinic is given by Professor Halsted for students in the third and fourth years.

Two clinics weekly are given by Professor Finney for the third year class.

II. MINOR SURGERY. Drs. Homer, Follis, Pancoast, Davis, Fisher, Stone, and Bernheim. Four times weekly for first half-year, and twice weekly for second half-year, in sections, in the dispensary.

III. SURGICAL DIAGNOSIS AND PATHOLOGY. Professor Bloodgood, Wednesday, 2-4.30, entire year, whole class. Friday, elective course, 2-4.30 p. m. (See special announcement.)

IV. OPERATIVE SURGERY. Drs. Heuer, Goetsch, Dandy, Reid, and Grey. Elective, once weekly from October to May. A four-hour exercise is given to successive sections in the Hunterian laboratory.

V. RECITATIONS. Twice weekly, upon assigned subjects, are held by Drs. Finney, Follis, Heuer, Goetsch, Davis, Stone, Fisher, Pancoast, Bernheim, and Grey.

The work of the FOURTH YEAR consists of:

I. WARD WORK. The members of each of the three groups into which the class of the fourth year is divided, serve for a trimester in the surgical wards of the Hospital.

II. WARD CLASSES. The students make the morning and other visits to the wards with Professors Halsted, Finney, Young, Baer, Heuer, and Dr. Goetsch, and the Resident surgeon, where they receive bedside instruction.

III. CLINICS. A weekly clinic, by Professor Halsted, Friday, 12 m. to 1 p. m.

IV. SURGICAL OPERATING ROOM. To each group of

fourth-year students the privileges of the private operating rooms are extended for one trimester.

V. Genito-Urinary Surgery. Professor Young. (For details, see below.)

VI. Recitation. Professor Bloodgood. Tuesday, 11 to 12 m. (entire group).

VII. Orthopedic Surgery. Professor Baer. (For details, see page 95.)

VIII. Laryngology. Dr. Crowe. (For details, see pages 95, 96.)

IX. Roentgenology. Dr. Baetjer.

Graduate Work

Surgical Pathology. Professor J. C. Bloodgood.

Graduates can enter the Laboratory of Surgical Pathology at any time for special instruction. The work is so arranged as to occupy the entire day or a portion of each day. A fee is charged for this course.

X-Ray Diagnosis and Therapeutics. Dr. F. H. Baetjer. This course is given three times during the year, as follows: Course I, October 15 to December 15; Course II, January 15 to March 15; Course III, April 15 to June 15. (Limited to five in each course.)

Each course consists of daily demonstrations from 11 a. m. to 12.30 p. m., and aims to give a practical knowledge of the construction and manipulation of the X-ray apparatus, and its use in diagnosis and treatment.

Urology

During the fourth year Professor Young and Dr. Geraghty conduct the following elective courses:

Minor Course

I. Practical work in the dispensary, daily from 2 p. m. to 3.30 p. m., for one-half trimester or alternate days for entire trimester.

II. Weekly lecture or clinic, Professor Young, Monday, 3.30 p. m. to 4.30 p. m., for one trimester.

Major Course

I. Practical work in the Hospital laboratories or operating room, daily from 9 a. m. to 12 m., for one trimester. (Limited to six students.)

II. Weekly lecture or clinic, Monday, 3.30 p. m. to 4.30 p. m., throughout the year.

III. Pathology of the genito-urinary tract, twice weekly, Dr. Geraghty, Monday and Thursday, 12 to 1 p. m.

Orthopedic Surgery

Instructions in Orthopedic Surgery is given throughout the fourth year by Dr. Baer, assisted by Drs. Fayerweather, Bennett, Ashbury, and Elmendorf.

Obligatory Work:

I. Ward rounds, once weekly throughout the year, for the surgical section.

II. Clinical instruction for groups of fourteen daily or three times weekly, for one trimester, from 2 to 3.30 p. m.

III. Operative clinic, Monday and Thursday, 10-12.

Elective Courses

I. A clinical lecture or recitation is given throughout the entire year, on Thursdays, from 12 m. to 1 p. m.

II. Dispensary clinic is held daily from 2 to 3.30 p. m.

III. Lateral Curvature Course is given on Tuesday mornings and Saturday afternoons.

Laryngology

The following elective courses are offered during the fourth year:

Minor Course

I. Practical work in the dispensary, three days a week from 2 to 3.30 p. m., for one trimester.

II. Daily clinic and lecture in the dispensary, 2.30 to 3.30 p. m. Dr. Crowe or Dr. Slack.

III. Weekly lecture or clinic, Dr. Crowe, Wednesday, 3.30 to 4.30 p. m.

IV. X-Ray Diagnosis of sinus and mastoid conditions. Dr. Crowe. One day a week.

Major Course

I. Practical work in the dispensary, daily from 2 to 4.30 p. m., for one trimester.

II. Lecture, Wednesday, 3.30 to 4.30 p. m. throughout the year.

III. On request, students will be allowed to assist in operations in the general operating room.

Throughout the third year obligatory courses in laryngoscopy are given to groups of fifteen students on Saturday from 2 to 4 p. m., as a preparation for the work of the fourth year in the laryngological clinics and wards.

An elective course in bronchoscopy and oesophagoscopy is offered to fourth year students in the elective group, Tuesday, from 3 to 5 p. m., in the Hunterian Laboratory. Dr. Slack. (Limited to groups of ten.)

Throughout the fourth year students in the medical group will have opportunities to make routine examination of the nose, throat, larynx and sinuses upon patients in the public wards.

PEDIATRICS

John Howland, M. D., Professor of Pediatrics.
Edwards A. Park, M. D., Associate Professor of Pediatrics.
Williams McK. Marriott, M. D., Associate in Pediatrics.
Kenneth D. Blackfan, M. D., Instructor in Pediatrics.
James L. Gamble, M. D., Instructor in Pediatrics.
Warren R. Sisson, M. D., Instructor in Pediatrics.
Grover F. Powers, M. D., Instructor in Pediatrics.
Harold L. Higgins, A. B., Assistant in Pediatrics.
J. H. Mason Knox, Ph. D., M. D., Associate in Clinical Pediatrics.

Second Year

During the last trimester of this year one hour a week is devoted to recitations, demonstrations and lectures upon the growth and development of infants and children and upon the subject of nutrition, normal and abnormal and the influence of the food stuffs, in so far as pediatrics is concerned.

Fourth Year

I. A weekly clinic or lecture on Monday from 12 to 1 throughout the year. This is given by Dr. Knox in the first trimester and by Professor Howland in the second and third trimesters.

II. Section teaching is given to each section twice a week for one trimester. This consists in the examination by students of patients in the wards and in the dispensary, in the presentation of cases by the students and in the discussion of symptoms, diagnosis and treatment. Special attention is paid to the diseases peculiar to infancy and childhood and to the differences in the manifestation of disease in children as contrasted with adults.

III. An elective major course is given each trimester to not more than seven students. Those electing this course serve as clinical clerks in the wards and dispensary, as well as attend the other exercises.

Graduate Courses

For details, see announcement of summer courses.

OBSTETRICS

J. Whitridge Williams, M. D., Professor of Obstetrics.
Karl M. Wilson, M. D., Associate in Clinical Obstetrics.
Everett D. Plass, M. D., Instructor in Obstetrics.
Daniel Davis, M. D., Instructor in Obstetrics.
John G. Murray, Jr., M. D., Assistant in Obstetrics.

Instruction is given in the third and fourth years. The third-year work is obligatory and must be taken by all students, while that of the fourth year is elective.

Third Year

In this year five hours a week are devoted to the subject, and the time is divided as follows:

I. Recitations or Exercises with the Manikin. Thrice weekly throughout the year. In the former the general principles of obstetrics are considered, while in the latter, which are interspersed between the recitations, the technique of obstetrical examination and of the various operative procedures is taught.

II. Practical Instruction. This includes the examination of pregnant women, pelvimetry, the delivery of patients, and the care of the woman and child after delivery.

III. Ward Classes to groups, twice weekly throughout the year.

IV. Elective courses in Obstetrical Pathology will be given by Drs. Williams, Wilson and Plass on Friday afternoons from 2 to 4.00, during each of the first two trimesters. Practical laboratory instruction is given in the anatomy and histology of the generative organs, as well as in the pathology of the various diseases of pregnancy, labor and the puerperal state.

Fourth Year

The elective work of this year is arranged in trimesters. Classes are held on Tuesday, Thursday and Friday from 10 to 12 o'clock, and patients are delivered as they fall into

labor. Each practical course will be limited to ten students, and the work will be divided as follows:

I. Delivery of patients in the ward and out-patient service and opportunity to witness all operations performed in the department.

II. Ward and nursery rounds.

III. Ante- and post-partum examination of patients.

IV. Obstetrical seminary.

V. A course of practical instruction in contracted pelves.

VI. A practical and laboratory course on the metabolism of pregnancy and its abnormalities.

VII. A course in comparative placentation and elementary teratology.

VIII. Obstetrical pathology.

A credit of 1½ units will be allowed for the regular class work, and an additional unit to students delivering 10 or more patients in the out-door service.

Graduate Work

A limited number of physicians may receive advanced instruction during the academic year. Those wishing to do so should apply to Professor Williams stating the character of the work they desire and their qualifications for undertaking it.

GYNECOLOGY

*Howard A. Kelly, M. D., Professor of Gynecology.
William W. Russell, M. D., Associate Professor of Clinical Gynecology.
Thomas S. Cullen, M. B., Associate Professor of Clinical Gynecology.
Guy L. Hunner, M. D., Associate in Clinical Gynecology.
*Elizabeth Hurdon, M. D., Associate in Clinical Gynecology.
Edward H. Richardson, M. D., Associate in Clinical Gynecology.
Walter R. Holmes, M. D., Instructor in Gynecology.

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* Absent on leave.

Emil Novak, M. D., Instructor in Clinical Gynecology.
George L. Stickney, M. D., Voluntary Assistant in Clinical Gynecology.

Instruction is given to third and fourth year students and also to graduates. The courses of the third year are obligatory, those of the fourth year elective.

Third Year

I. Gynecological diagnosis. Each section once a week for four months. Practical instruction in the technique and interpretation of pelvic examinations; demonstrations of selected operations. Drs. Russell and Richardson.

II. A lecture, pathological demonstration or recitation once a week, throughout the year. Drs. Russell, Hunner, and Richardson.

Fourth Year

I. Ward rounds twice a week; bed-side instruction and demonstrations. Dr. Cullen and the Resident Staff.

II. Out-patient clinics. A limited number of students are allowed to assist in the work of the dispensary daily, 2 to 4 p. m. Dr. Richardson and the Resident Staff.

III. Practical Cystoscopy. Demonstrations, covering the entire subject of diseases of the urinary tract in women, to a limited number of students three days a week from 2.30 to 4.30 p. m. Dr. Hunner and the Resident Gynecologist.

IV. Advanced Course. Offered to each section for one trimester. This includes ward rounds, pelvic examinations under anesthesia, demonstrations of operating room technique and of major operations, lectures and recitations. Drs. Kelly and Cullen.

VI. Gynecological pathology. This course embraces the thorough gross and microscopic study of all diseases of the pelvic structures. Special attention is given to the examination of scrapings. Drs. Cullen, Novak, and Stickney.

Graduate Work

Gynecological pathology (limited to five students). Drs. Cullen and Staff.

This course begins October 1 and extends through two trimesters. The class meets Friday afternoons, 2 to 4.30. Applications should be sent to the Registrar not later than September 15. Fee, $50.00.

During March and April on Tuesdays, 2 to 4.30 p. m., a course (limited to ten) will be given in the diagnosis of uterine scrapings. Fee, $50.00. All pathological conditions of the cervix and body of the uteris that might be mistaken for cancer are discussed, and special consideration is given to the early diagnosis of cancer of the uterus. The methods of obtaining and examining pieces of uterine tissue are given in detail. Fee, $50.00.

For summer courses, see announcement, page 111.

PSYCHIATRY

Adolf Meyer, M. D., Professor of Psychiatry.
Henry J. Berkley, M. D., Clinical Professor of Psychiatry.
Charles Macfie Campbell, M. D., Associate Professor of Psychiatry.
W. Rush Dunton, Jr., M. D., Instructor in Clinical Psychiatry.
Trigant Burrow, M. D., Assistant in Clinical Psychiatry.
Roscoe W. Hall, M. D., Assistant in Psychiatry.
Clarence A. Neymann, M. D., Assistant in Psychiatry.

The following courses are offered:

1. Medical psychology. An extension of physiology and general pathology into the study of mental activities. Third trimester of the second year (Tuesday, 2-4 p. m.). (*Required.*)

2. Psychopathology. Examination and differentiation of the psycho-pathological reaction-types. First trimester, third year. (Tuesdays and Thursdays, from 4.30 to 5.30 p. m.) (*Required.*)

3. Practical psychiatry (psychiatric nosology and special problems): An obligatory course of clinical demonstrations and of lectures during the second trimester of the fourth year, Fridays, 4.30 to 5.30, and Saturdays, 3.30-5.30.

4. Weekly clinics and discussions for 3rd and 4th years, third trimester, Thursdays, 4.30 to 5.30. (Optional.)

No candidate is admitted to the final examination without evidence of having made at least six mental examinations with differential diagnosis under the supervision of the staff of the clinic, either in the dispensary or on the wards.

Elective Work for Fourth-Year Students

1. Elective clinics will be given by Dr. Henry J. Berkley to a class limited to twelve at the Bay View Asylum, on Saturdays from 3.30 to 5.30 p. m. during the first trimester of the 4th year; and by Dr. Dunton at the Sheppard and Enoch Pratt Hospital on Saturdays, 3.30 to 5.30 p. m., during the 3rd trimester.

2. Dispensary work, Monday, Tuesday, Wednesday, and Friday, 10-12, with Dr. Charles Macfie Campbell. Open to third and fourth year students.

Each student will have the opportunity of personally examining and treating under supervision cases of incipient mental disorder. At the end of the hour there will be the presentation of one or two of the most instructive cases, or a review of the day's material so that each student will profit by the whole of the clinical material available.

3. Work on ward cases, partly in connection with the Thursday clinics.

In the first trimester Dr. Campbell will give an elective course on special methods of investigation and treatment in hysteria and the psychoneuroses. Mondays, 3.30 to 4.30 p. m.

Special laboratory work in general clinical laboratory methods, neuropathology and psychology (elective for second, third or fourth year).

Graduate Work

Post-graduate work is limited to physicians who will spend at least one trimester in work in the clinic and its laboratories. For summer courses, see announcement, page 112.

OPHTHALMOLOGY

SAMUEL THEOBALD, M. D., Clinical Professor of Ophthalmology.
ROBERT L. RANDOLPH, M. D., Associate Professor of Clinical Ophthalmology and Otology.
JAMES J. MILLS, M. D., Instructor in Clinical Ophthalmology.
LEO J. GOLDBACH, M. D., Assistant in Clinical Ophthalmology.
LLOYD B. WHITHAM, M. D., Assistant in Clinical Ophthalmology.
M. RANDOLPH KAHN, M. D., Assistant in Clinical Ophthalmology.

I. Daily clinics are given in the dispensary by Professors Theobald and Randolph. Each of the sub-sections into which the fourth-year class is divided attends these clinics for a half trimester. By this arrangement an opportunity is afforded each student to acquire a practical knowledge of eye diseases.

II. The major course in Ophthalmology comprises, besides greater clinical advantages—including the privilege of attendance upon the clinics of Professor Theobald at the Baltimore Eye, Ear and Throat Charity Hospital—instruction in operative surgery of the eye, in the determination of errors of refraction, the optometric use of the ophthalmoscope and skiascopy.

III. Weekly lecture, Thursday, 3.30 to 4.30 p. m., through the year. Professor Theobald.

IV. During the third year a preparatory course in ophthalmoscopy is given by Dr. Mills.

Graduate Work

For summer courses for general practitioners see announcement, page 112.

DERMATOLOGY

T. Caspar Gilchrist, M. D., Clinical Professor of Dermatology.
J. Williams Lord, M. D., Clinical Professor of Dermatology.
Edgar R. Strobel, M. D., Associate in Clinical Dermatology.
Lloyd W. Ketron, M. D., Instructor in Clinical Dermatology.
J. Scott Willock, M. D., Instructor in Clinical Dermatology.
Isaac R. Pels, M. D., Assistant in Clinical Dermatology.
J. Edward Gately, M. D., Assistant in Clinical Dermatology.

The instruction consists of the following elective courses offered to students in the fourth year:

Minor Course

I. Practical work in the dispensary, including clinical demonstrations, 2 to 2.30 p. m., on alternate days during one trimester.

II. Weekly clinical conferences on Tuesdays at 3.30 to 4.30 p. m.

III. A course in the pathology and bacteriology of the common cutaneous diseases on Tuesdays and Saturdays.

Major Course

I. Daily work in the dispensary from 2 to 4.30 p. m. through one trimester.

II. Weekly clinical conferences on Tuesdays, 3.30 to 4.30 p. m. throughout the year.

III. A course in the pathology and bacteriology of the common cutaneous diseases.

IV. Research work.

Graduate Work

An opportunity is given to obtain practical instruction in dermatology during the academic year.

I. Practical work in the dispensary, daily, 2 to 4 p. m., for one or more trimesters.

II. A course in the pathology and bacteriology of the common cutaneous diseases.

MEDICAL ZOÖLOGY

Charles Wardell Stiles, Ph. D., D. Sc., Lecturer on Medical Zoölogy and Professor of Zoölogy to the U. S. Public Health Service.

Instruction in Medical Zoölogy is given to students of the third and fourth years by Dr. Stiles. It consists of a course of twenty lectures on the medical relations of animals to man (animal parasites, animals as transmitters of disease, poisonous snakes, etc.); ten lectures are given each year, illustrated with numerous charts, lantern slides, and specimens, and supplemented by practical laboratory exercises in studying both live and preserved parasites, examining meat for trichiniasis and in the diagnosis of various zoöparasitic diseases by microscopic examination of fæces. The parasites are studied from the standpoints of zoölogy, practical medicine, and public health.

LEGAL MEDICINE

William W. Ford, M. D., Lecturer in Legal Medicine.

The instruction is given in the third year. The lectures are intended to instruct the students in the actual facts of applied medicine, which constitutes the basis of the work of the medico-legal practitioner, as in the duties of the medical expert witness and his relations to his client and to the court.

The lectures deal with sexual transgressions, abortion, infanticide, etc., with the circumstances attendant upon violent death in its various forms and with injuries of all sorts, mechanical and chemical, and with the medico-legal relations of insanity.

Especial attention is directed to the methods of investigation and protocol writing in such cases, and to the technical means by which suspected marks, stains and traces of all sorts may be recognized. Instruction as to the character of medical evidence which is useful and admissible in court and as to its presentation, is emphasized.

INSTRUCTION IN ART AS APPLIED TO MEDICINE

MAX BROEDEL, Associate Professor of Art as applied to Medicine.

A. Courses for Medical Students

1). A course in drawing open to students of all four years, to research workers and to members of the faculty for one afternoon a week throughout the year. This course will be limited to 12 students. The work will first deal with the exact study of the plastic representation of medical objects of all kinds. Later on this will lead to the study of diagrammatic drawings and sketches useful in taking medical histories or illustrating lectures with blackboard sketches. Lastly various techniques for making medical illustrations for publications will be taught.

2). Research workers who require pictorial representations of their research, will be taught the principles of making such drawings.

B. Courses for Artists and Art Students

1). Special instruction to medical illustrators who desire to take up advanced work in a particular branch. The fee will depend on the length of the course and the character of the instruction. Minimum fee, $25.00. Such courses may be taken at any time during the academic year.

2). A regular course for beginners. This course will continue during the entire day throughout the academic year. Applicants who are not graduates of an art school must submit samples of their work. The duration of the course of instruction will of necessity depend on the talent of the individual, the average term, however, not exceeding two years. The fee is $100.00 a year. Drawings of especial merit may be accepted and utilized by the Department for publication and as a practical test of the artist's ability. Although such drawings become the property of the school, the student will receive several printed proofs after publica-

tion. All drawings and sketches not so honored will remain the property of the student.

The course will include:

a). Anatomical studies of the skeleton, muscles and viscera from the standpoint of the medical illustrator. Everything studied is sketched or drawn.

b). Studies of fresh material at autopsies, combined with microscopic studies of the various tissues in health and disease. A number of accessory methods will be employed in studying fresh tissues.

c). Studies of hardened specimens from the various pathological collections, combined with the study of the texture of the individual structures of the body.

d). Based on the foregoing the student is ready to study the pictorial representation of physical examinations, various kinds of treatment and the different steps in surgical operations.

e). Stress will be laid on the correct attitude of the medical illustrator toward problems in medical research and toward the conception of a medical illustration in general as an aid to the text and also as a work of art.

f). Parallel with and supplementing these studies, instruction will be given in the various techniques suitable for medical illustrations intended for publication. Namely:

1). Half-tone drawings in crayon, etc.—Mixed technique.

2). Water color painting.

3). Line drawings in pen and ink. Diagrams.

4). Charts for class demonstrations.

g). Studies of the various methods of reproduction from the standpoint of the illustrator.

HISTORY AND LITERATURE OF MEDICINE

The Historical Club meets once a month throughout the academic year in the medical amphitheatre of the Hospital. Old and rare or otherwise historically interesting books are exhibited and the history of medical doctrines, of epochs in medicine and of the lives and contributions to knowledge of eminent men, and other themes pertaining to the history of medicine are considered. Many students avail themselves of the stimulating and educational advantages afforded by the meetings of this Club.

SPECIAL LECTURES

From time to time, as opportunity offers, short courses of special lectures or demonstrations upon selected topics are given either by specially appointed lecturers or by members of the teaching staff.

SUMMER COURSES FOR GRADUATES IN MEDICINE

SUMMER COURSES FOR GRADUATES IN MEDICINE

In co-operation with the Johns Hopkins Hospital, the following courses are offered to graduates in medicine. Instruction will begin on Thursday, June 1st and end on Saturday, July 15th.

Under special circumstances, fourth year students of accredited medical schools may obtain permission to register for these courses, which are primarily intended for physicians.

The right is reserved to cancel any course announced, in case less than five (5) *persons register for it.*

Medicine

I. *Medical Clinics*—Dr. L. Hamman, Associate in Clinical Medicine, and Dr. P. W. Clough, Associate in Medicine.

A course in medical diagnosis and treatment demonstrated upon patients from the medical wards of the hospital. Daily, 9 to 10 a. m.

II. *Clinical Microscopy*—Dr. W. A. Baetjer, Associate in Clinical Medicine, and Staff.

The course consists of lectures and laboratory instruction in the microscopic and chemical examination of urine, blood, gastric contents, faeces and sputum. Tuesday, Thursday and Saturday, 2 to 4.30 p. m.

III. *Percussion and Auscultation*—Dr. E. W. Bridgman, Instructor in Medicine, and Dr. S. Wolman, Instructor in Clinical Medicine. Tuesday, Thursday, Friday and Saturday, 10 a. m. to 12 m.

IV. Diseases of the Digestive Apparatus—Dr. T. R. Brown, Associate in Clinical Medicine, and Staff.

A course in the disease of the digestive apparatus, with practical exercises in the use of the various diagnostic meth-

ods, including sigmoidoscopic and fluoroscopic examinations. Monday and Wednesday, 10 a. m. to 12 m.

V. *Diseases of Metabolism*—Dr. H. O. Mosenthal, Associate Professor of Medicine.

A series of special clinics. Tuesday, Thursday and Saturday, 12 m. to 1 p. m.

VI. *Diagnosis and Treatment of Syphilis*—Dr. A. Keidel, Instructor in Clinical Medicine. Monday, Wednesday and Friday, 2 to 4.30 p. m.

VII. *Neurology*—Dr. G. Lane Taneyhill, Jr., and Dr. C. M. Byrnes, Instructors in Clinical Neurology.

(a) The course consists of lectures and practical work in the Dispensary. History-taking, methods of examination, and differential diagnosis will be discussed. Instruction will be given in the use of the ophthalmoscope and the making of electric and sensory examinations. Monday and Wednesday, 10 to 12 m.

(b) Dr. Taneyhill: Lectures with illustrative case histories, in which the Freudian psychology and its bearing upon the treatment of the neuroses and psychoneuroses will be considered. Discussion of the relation of hysteria to states of depression, and to manic-depressive insanity. Monday, Wednesday and Thursday, 9 to 10 a. m.

(c) Dr. Byrnes: A brief course in the gross and microscopic anatomy of the central nervous system, followed by the consideration of the painful affections of the trigeminal nerve and their treatment by alcohol injections. Other pathologic specimens will be demonstrated, and, when practicable, instruction will be given in the intraspinal method of administering salvarsanised and mercurialised sera. Monday, Wednesday and Friday, 12 to 1 p. m.

Pediatrics

Dr. Kenneth D. Blackfan, Instructor in Pediatrics, and Staff. The course will consist of clinics and demonstrations of patients illustrating the more common diseases of infancy

and childhood. Monday, Wednesday and Friday, 10.30 a. m. to 12 m.

Surgery

I. *Surgical Diagnosis*—Dr. W. E. Dandy, Instructor in Surgery.

(a) Daily ward rounds and operative clinics. Rounds: 9 a. m. to 10 a. m., and operations, 11 a. m. to 12 m.

(b) Surgical and Pathological Considerations of Tumors —Dr. J. C. Bloodgood. 9 to 12, twice weekly.

II. *Surgical Pathology*—Dr. J. C. Bloodgood, Associate Professor of Clinical Surgery, and Dr. M. R. Reid, Instructor in Surgery.

This course will consist of the gross and microscopic study of specimens from the surgical operating room. Tuesday, Thursday and Saturday, 2 to 5 p. m.

III. *Operative Surgery on Animals*—Dr. W. E. Dandy, Instructor in Surgery, assisted by Dr. G. R. Dunn, Assistant Resident Surgeon.

In this course, a limited number of students will perform a series of operations in abdominal, renal and blood-vessel surgery, under the immediate supervision of the instructors. Monday, Wednesday and Friday, 2 to 5 p. m.

IV. *Genito-Urinary Surgery*—Dr. F. W. Hobelman, Assistant in Clinical Urology, and Dr. W. A. Frontz, Assistant in Urology.

Clinical Instruction in history-taking, routine genito-urinary examinations, urinary analysis, methods of microscopic examination of secretions from the urethra, venereal sores, prostate, etc., instrumental examinations (including urethroscopy, but not cystoscopy), and methods of treatment. Daily, 2 to 3.30 p. m.

Cystoscopy—Dr. W. A. Frontz. Monday, Wednesday and Friday, 3.30 to 4.30 p. m.

V. *Plastic Surgery*—Dr. J. S. Davis, Instructor in Clinical Surgery.

In this course particular attention will be paid to wound

healing, skin grafting, etc. Ward, dispensary and operative demonstrations will be given. Tuesday and Saturday, 10 to 12 m. *Operative clinics as posted.*

VI. *Rectal Surgery*—Dr. H. B. Stone, Instructor in Clinical Surgery.

This course will include digital and proctoscopic examinations, together with operations under general or local anesthesia. Monday and Friday, 10 to 12 m. *Operative clinics as posted.*

VII. *Radiography*—Dr. C. A. Waters, Instructor in Actinography.

Practical instruction in X-Ray laboratory, including Roentgenoscopy and Roentgenotherapy. Lecture on Saturday at 12 noon. Daily, 10 to 1 p. m.

VIII. *Anesthesia*—Dr. G. R. Dunn, Assistant Resident Surgeon.

Practical instruction in the administration of anesthetics. Tuesday, Thursday and Saturday, 10 to 12 m.

IX. *Diseases of the Eye*—Dr. L. B. Whitham, Assistant in Clinical Ophthalmology, and Dr. R. M. Kahn.

(a) Practical Dispensary course in diagnosis and treatment, including lectures on penetrating wounds, accidental injuries, etc.

(b) Ophthalmoscopy. Tuesday, Thursday and Saturday, 3 to 5 p. m.

X. *Diseases of the Nose, Throat and Ear*—Dr. H. R. Slack, Instructor in Laryngology, and Dr. K. A. Phelps.

(a) *Dispensary Work*—Monday, Wednesday and Friday, 2 to 4.30 p. m.

(b) *Operative Clinic*—Tuesday, Thursday and Saturday, 9 to 11 a. m.

This will be supplemented by the demonstration of models, microscopic sections and X-ray plates illustrating the diagnosis of sinus and ear conditions.

(c) *Bronchoscopy and Esophagoscopy*—Monday, 2 to 5 p. m. Dr. Slack.

This course will be given to a limited number of students in the Hunterian Laboratory and will cover the technic and practical methods employed in such work.

XI. *Diseases of the Skin*—Dr. E. R. Strobel, Instructor in Clinical Dermatology, and Dr. L. W. Ketron, Assistant in Clinical Dermatology.

The course consists of the demonstration of patients and discussion of their symptoms with especial attention to differential diagnosis and treatment. The bacteriology and pathology of certain skin diseases will also be considered. Daily, 2 to 3.30 p. m. Clinical Lecture, Dr. T. C. Gilchrist, Tuesday, 3 to 4 p. m.

Gynecology

Drs. G. L. Hunner, and E. H. Richardson, Associates in Clinical Gynecology, Dr. V. N. Leonard, Instructor in Gynecology, and Dr. W. R. Holmes, Assistant Resident Gynecologist.

I. *Operative Clinics,* preceded by pelvic examinations under anesthesia. Daily, except Friday, 9 a. m. to 12 m.

II. *Ward-rounds*—Tuesdays and Thursdays, 9 to 10 a. m.

III. *Practical Work in the Dispensary,* including history-taking pelvic and abdominal examinations without anesthesia, and medical gynecology. Daily, 2 to 4 p. m.

IV. *Cystoscopy*—Practical instruction and demonstrations in the clinic.

(*This course will be limited to the first nine applicants. Each group of three will receive six periods of instruction.*)

Practical instruction in the cystoscopic clinic. Tuesday, Thursday and Friday, 2 to 4.30 p. m.

Obstetrics

Dr. E. D. Plass and Dr. W. L. Millea, Instructors in Obstetrics.

The course will include ward rounds, abdominal palpation and pelvic mensuration, demonstrations of methods and path-

ological material, lectures upon special topics and operative work on the manikin. There will be the opportunity to attend deliveries and operations. Scopolamine-morphine and gas oxygen anesthesia will be demonstrated on suitable cases. Groups of students will have an opportunity to work in the Dispensary for one week and to make ante-partum and post-partum examinations for another week. (Course limited to ten students.)

Tuesday 10 to 11 a. m., demonstrations; 11 to 12 m., lecture. Thursday, 10 to 11 a. m., Palpation and mensuration; 11 to 12 m., lecture. Friday, 9 to 10 a. m., ward rounds; 10 to 11 a. m., Operative work on the manikin; 11 to 12 m., Pathological demonstration.

Special Lectures

The hour from 12 m. to 1 p. m. on Monday, Wednesday, and Friday is reserved for special lectures to which all of the physicians attending the graduate courses are invited. Some of the lectures to be delivered are:

Dr. H. A. Kelly—Subject to be announced; Dr. T. C. Janeway—Clinical lecture on hypertension; Dr. L. F. Barker—Clinical manifestations of disease of the endocrine glands; Dr. W. S. Thayer—Subject to be announced; Dr. T. B. Futcher—Treatment of diabetes; Dr. J. M. T. Finney—1. Surgery of the stomach, 2. Surgery of the gall-bladder; Dr. H. H. Young—Some remarks on the surgery of the prostate gland; Dr. T. S. Cullen—Subject to be announced; Dr. H. O. Mosenthal—Diagnosis of renal function; Dr. J. T. Geraghty—Diagnosis of surgical renal conditions; Dr. W. S. Baer—arthroplasty; Dr. G. J. Heuer—Diagnosis and treatment of intra-cranial conditions, two lectures; Dr. G. L. Hunner—Subject to be announced.

Fees

A full day's work for the entire period in as many courses as can be taken without conflict in hours—$100. If Animal Surgery is taken, an additional charge of $25.00 will be made.

The fee for any one of the following courses is $25.00: Clinical Microscopy, Digestive Diseases, Percussion and Auscultation, Diseases of Metabolism, Plastic Surgery, Rectal Surgery, Anesthesia, Eye; Skin; Ear, Throat and Nose, Gynecological Dispensary, Pediatrics.

The fee for any one of the following courses is $50.00: Practical Medicine (including Amphitheatre Clinic), Syphilis, Neurology, Radiography, Gynecological Operative Course with Ward Rounds, Gynecological Cystoscopy, Urological Cystoscopy, Obstetrics, Surgical Operations, Surgical Diagnosis with Ward Rounds, Genito-Urinary Surgery.

For Animal Surgery alone, the fee is $75.00.

Persons desiring to take these courses must register at the Dean's Office, where they will receive the necessary credentials.

Courses cannot be changed after registration, except upon the payment of an additional fee.

In view of the fact that only a limited number can be admitted to certain courses, it is advisable that applications be made in advance. Address the Dean of the Johns Hopkins Medical School, Baltimore.

SCHEDULES OF COURSES FOR THE SESSION OF 1916-1917

No alterations in the schedules are permitted unless authorized by the Medical Faculty.

SCHEDULE FOR THE

	Monday.	Tuesday.
First Trimester. (Oct. 3 to Dec. 23, incl.)	9-12. Anatomy I.	9-12. Anatomy I. 12-1.† Anatomy V.
	2-5. Histology.	2-5.† Drawing as Applied to Medicine.
Second Trimester. (Jan. 3 to Mar. 14, incl.)	9-1. Anatomy II. 9-12.† Anatomy VII.	9-12. Anatomy II. 12-1.† Anatomy V. Physiology. (Conference).
	2-5. Histology and Organology.	2-3. Organology and Neurology (Lecture). 2-5.† Drawing as Applied to Medicine.
Third Trimester. (Mar. 15 to May 31, incl.)	10.30-11.30. Physiol. Chem. Lecture. (A. and B). 12-1. Bacteriology. Recitation.	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.
	2-5. Bacteriology Laboratory.	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

FIRST YEAR, 1916-1917

Wednesday.	Thursday.	Friday.
9-12. Anatomy I.	9-12. Anatomy I.	9-12. Anatomy I.
2-5. Histology.	2-3. Histology (Lecture). 3-5.†	2-5. Histology.
9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).
2-5. Histology and Organology.	2-3.† Special Histology. 2-5.†	2-3.† Medical Anatomy. 2-5† Haematology.
9-12. Bacteriology Laboratory. 12-1. Physiol. Chem. Lecture. (A. and B).	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	9-12. Bacteriology 12-1. Physiol. Chem. (Lecture). (A. and B).
4-5. Bacteriology (Lecture).	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	4-5. Bacteriology (Lecture).

† Elective or advanced work may be obtained in the following subjects by arrangement with the instructors: Anatomy, Physiology, Physiology in Relation to Medicine, Physiological Chemistry, Pharmacology, Toxicology, Experimental Pathology and Hygiene.

SCHEDULE FOR THE

	Monday.	Tuesday.
First Trimester. (Oct. 3 to Dec. 23, incl.)	9-10.† Study Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. Pathology (Recitation).	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).
	2-5. Pathology.	2-5. Physiology (B). Physiological Chemistry (A).
Second Trimester. (Jan. 3 to Mar. 14, incl.)	9-12.† Study Room (Anatomy). Topograph. Anat. 10-12. Autopsy Demonstrations. Group I. 10.30-11.30.† Autopsy Demonstration. Bay View. Group III. 12-1. Pathology. (Recitation).	9-12.† Autopsies. Hygiene. Study Room (Anatomy). Topograph. Anat. 12-1. Pharmacology (Lecture).
	2-5. Pathology.	2-5.† Drawing as Applied to Anatomy. Toxicology. Principles of Immunity. (Lecture).
Third Trimester. (Mar. 15 to May 26, incl.)	9-10. Application of Biology to Medicine. Dr. Clough. Application of Chemistry. to Medicine. Dr. Mosenthal. 10-12. (Mar. 15 to 24 incl.) Entire Class—Surgery. (Mar. 26 to May 26). Groups I and II. Prep. Surgery. Groups III and IV. Physical. Diag. Groups V and VI. Medical Dispensary. 12-1. Medical Clinic. Dr. Janeway.	9-10. Demonstration of Autopsy Material. 1st half Class—Path. Lab. 2nd half Class—Bay View. 10-12. (Mar. 15 to 24 incl.) Entire Class—Medicine. (Mar. 26 to May 26). Groups III and IV. Prep. Surgery. Groups V and VI. Physical. Diag. Groups I and II. Medical Dispensary. 12-1. Surgical Clinic. Dr. Finney.
	2-3. Medical Conference. Dr. Janeway. 3-4. Pharmacy (lecture). 4-6. Practical Pharmacy. Elective.	2-4. Medical Psychology. Dr. Meyer.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

† Electives or advanced work may be obtained in the following subjects by arrange-

COND YEAR, 1916-1917

WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10.† ly Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. Demonstration of opsy Material (A). up B.—Bay View.	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).	9-11.† Study Room (Anatomy). 11-12. Autopsies.* 12-1. Demonstration of Autopsy Material (B). Group A.—Bay View.	
2-5. Pathology	2-5. Physiology (B). Physiological Chemistry (A).	2-5. Pathology.	
9-12.† Room (Anatomy). opograph. Anat. 10-12. psy Demonstration. Group II. 10.30-11.30† sy Demonstration. Bay View. Group I. 12-1. Pharmacology (Lecture).	9-12.† Autopsies. Hygiene. Study Room (Anatomy). Topograph. Anat. Experimental Pathology.	9-10.† Study Room (Anatomy). Topograph. Anat. 10-12. Autopsy Demonstration. Group III. 10.30-11.30† Autopsy Demonstration. Bay View. Group II. 12-1. Pharmacology (Lecture).	
2-5. Pathology.	2-5.† Experimental Pharmacology Principles of Immunity. (Lecture). Special Histology.	2-5. Pathology.	
9-10. tion to Therapeutics nacological Lecture Room). Dr. Lamson. 10-12. 15 to 24 incl.) Class—Surgery. 26 to May 26). V and VI. Prep. Surgery. I and II. Physical. Diag. II and IV. Medical Dispensary. 12-1. gical Clinic. Teuer and Davis.	9-10. Demonstration of Autopsy Material. 1st half Class—Bay View. 2nd half Class—Path. Lab. 10-12. (Mar. 15 to 24 incl.) Entire Class—Surgery. (Mar. 26 to May 26). Groups I and II. Prep. Surgery. Groups III and IV. Physical. Diag. Groups V and VI. Medical Dispensary. 12-1. Medical Clinic. Dr. Janeway.	9-10. Surgery. Recitation. 10-12. (Mar. 15 to 24 incl.) Entire Class—Medicine. (Mar. 26 to May 26). Groups III and IV. Prep. Surgery. Groups V and VI. Physical. Diag. Groups I and II. Medical Dispensary. 12-1. Physical Diagnosis Recitation. Dr. Bridgman.	10-12. (Mar. 15 to 24 incl.) Entire Class—Surgery. (Mar. 26 to May 26). Groups V and VI. Prep. Surgery. Groups I and II. Physical. Diag. Groups III and IV. Medical Dispensary.
2-3. Pediatrics. 3-5. al Laboratory.	2-4. Physical Diagnosis. (Demonstration.) Dr. Bridgman.	2-3. Medical Conference. Dr. Janeway. 3-4. Neurology.	

the instructors: Anatomy, Physiology, Physiological Chemistry, Pharmacology, Toxicology, Experimental and Hygiene.

sies according to special announcement. When material is ready the autopsies will be performed at this

who desire to take up or continue research work may be excused from the afternoon exercises of the ter. Such students must be recommended by the respective instructors to the 3rd and 4th Year Committee.

SCHEDULE FOR THE

MONDAY.	TUESDAY.	WEDNESDAY.
9-10. Obstetrics (Recitation).	9-10. 1st half year. Group I. Gynecology. Group II. Obstet'cs, Ward. Groups III and IV. Obstetrics, recitation. 2nd half year. Group I. Obstet'cs, Ward. Group II. Gynecology. Groups III and IV. Obstetrics, recitation.	9-10. Surgery (Recitation).
First Half Year. 10-12. (Oct. 9-23.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Oct. 30 to Nov. 20). Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 27 to Dec. 18). Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. (Jan. 8-22). Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. Second Half Year. 10-12. (Jan. 29 to Mar. 24). Group I. Surgical Disp. *Group II. Elective. Group III. Bay View. Group IV. Neurology. (Mar. 26 to May 26). Group II. Surgical Disp. *Group I. Elective. Group III. Bay View. Group IV. Neurol. Disp.	10-11. Gynecology. (Recitations, two-thirds, Gynecological Pathology, one-third of year). 11-12. Neurology, Clinic or Recitation.	First Half Year. 10-12. (Oct. 4-25.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 1-22). Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 29 to Dec. 20). Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. (Jan. 3-24). Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. Second Half Year. 10-12. (Jan. 29 to Mar. 24). Group I. Surgical Disp. *Group II. Elective. Group III. Neurology. Group IV. Bay View. (Mar. 26 to May 26). Group II. Surgical Disp. *Group I. Elective. Group IV. Bay View. Group III. Neurol Disp.
12-1. Medicine. **Clinical Lecture.** (1st half year.) Medical Clinic. Dr. Futcher. (2d half year.)	12-1. Surgical Clinic. Dr. Finney.	12-1. **Medicine.** **Clinical Lecture.** (1st half year.) Medical Clinic. Dr. Mosenthal. (2d half year.)
2-3. Clinical Microscopy. Recitation and Demonstrations. [1st, 2d and 3d Trimesters.] 3-4. Practical Therapeutics. Medical Amphitheatre. [1st, 2d, and 3d trimesters.]	2-4.30. Clinical Microscopy. [1st, 2d and 3d** Trimesters.] 4.30-5.30. Psycho-Pathology. [1st Trimester.] 2-3. Hygiene and Legal Medicine. [3d Trimester.]	2-3. Surgical Pathology. Clinic and Demonstration. ELECTIVE. 3-4.30. Surgical Pathology. (Laboratory). Group Work or special Work ½ to 1½ units. 3-5 Immunology and Special Bacteriology. Dr. Bayne-Jones.
4-5. Surgery. (Recitation.) [3 trimesters.]	4.30-5.30. Syphilis. (Lecture). Oct. to Jan. 1. Tuberculosis. (Lecture.) Dr. Krause. Jan. to Mar. 15.	4.30-5.30. Medicine. (Recitation.)

* Unless otherwise indicated, courses extend throughout year, and are obligatory.
Unit equals 66 hours:—6 hours a week for 1 term; 2 hours a week for 1 year.
Students must take 1½ nuits of work during the year in these or other elective courses during these hours.
Open Elective Courses, 2 days a week, 8 weeks, 10 to 12 m. equals 32 hours = ½ Unit.

THIRD YEAR, 1916-1917*

THURSDAY.	FRIDAY.	SATURDAY.
9-10. First Half Year. Group I and II. Obstetrics, recitation. Group III. Gynecology. Group IV. Obstetrics, Ward. 2nd half year. Group I and II. Obstetrics, recitation. Group III. Obstet'cs, Ward. Group IV. Gynecology.	9-10. Physical Diagnosis. (Recitation). Dr. Bridgman. (1st and 2nd trimesters). Therapeutics. (Recitation). Dr. Bloomfield. (3rd trimester).	9-10. Obstetrics (Recitation).
First Half Year. 10-12. (Oct. 5-26.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Nov. 2-23). Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Dec. 7-21). Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. (Jan. 4-25). Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. Second Half Year. 10-12. (Jan. 29 to Mar. 24). Group III. Surgical Disp. *Group IV. Elective. Group I. Bay View. Group II. Neurology. (Mar. 26 to May 26). Group IV. Surgical Disp. *Group III. Elective. Group I. Bay View. Group II. Neurol. Disp.	10-12. Surgical Clinic. Dr. Finney.	First Half Year. 10-12. (Oct. 7-28.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Nov. 4-25). Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Neurol. Disp. Group IV. Medical Disp. (Dec. 2-16). Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. (Jan. 6-27). Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Neurol. Disp. Group II. Medical Disp. Second Half Year. 10-12. (Jan. 29 to Mar. 24). Group III. Surgical Disp. *Group IV. Elective. Group I. Neurology. Group II. Bay View. (Mar. 26 to May 26). Group IV. Surgical Disp. *Group III. Elective. Group II. Bay View. Group I. Neurol Disp.
12-1. Medical Clinic. Dr. Hamman.	12-1. Surgical Clinic. (3rd and 4th years.) Dr. Halsted. Nervous Diseases. (Recitation). After April 1.	12-1. Medical Clinic. (3rd and 4th years.) Medical Amphitheatre, Dr. Janeway, (1st and 2d Trimesters.) Dr. Barker, (3d Trimester.)
2-4.30. Clinical Microscopy. [1st, 2d and 3d** Trimesters.] 2-3. Hygiene and Legal Medicine (Lecture.) [3d Trimester.] 4.30-5.30. Psychiatry. Clinical Demonstrations. 1st Tri.—Required. 3rd Tri.—Elective.	ELECTIVE. 2-5 Operative Surgery, in Groups=1 unit. (Repeated each trimester.) 2-4.30. Surgical Pathology (year)=1½ unit. Obstet. Pathology. 1 Tri.=½ unit. (Repeated first and second Trimesters). Medicine (year=1 unit.) (Repeated each Trimester.) 3.30-5.30. Tuberculosis Clinic. Bay View. [3d Trimested.] 3.30-5.30. Surgical Diagnosis. Bay View. [3d Trimester.] 2-5. Immunology and Special Bacteriology. Dr. Bayne-Jones.	2-4. Laryngoscopy In groups. 4 p. m. Ophthalmoscopy In groups.
4.30-5.30. Medical Zoology. Oct. to Jan. 1.		

* Electives in Medicine (Tuberculosis and Gastro-Intestinal Diseases, and Medical Dispensary, Jan. 29-Mar. 24), and in other subjects to be announced are offered during the second half-year.

** Clinical Microscopy at 3 p. m., 3rd trimester, instead of 2 p. m.

SCHEDULE FOR THE FOURTH YEAR, 1916-1917

Medical Section, including Pediatrics, Tuesday, 10-30-12, and Thursday, 9-11.....
Surgical Section.....
Elective Section.....

MEDICAL SECTION. Medical Wards, Dispensary and Laboratories, 8.30 A. M. to 12 M., and 2 to 4.30 P. M. = 6 units.
SURGICAL SECTION. Surgical Wards, Ward Visits, Operating Room and Laboratories (entire Section), 9 A. M. to 12 M. = 3 units. Recitation, Friday, 9 A. M.

12-1 LECTURES

	MONDAY.	TUESDAY.	WEDNESDAY.
First Trimester. October to Christmas.	(a) Diseases of Children. Dr. Knox. (b) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference Drs. Janeway and Winternitz.
Second Trimester. January to March 15.	(a) Diseases of Children. Dr. Howland. (b) Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference. Drs. Janeway and Winternitz.
Third Trimester. March 15 to June.	(a) Dr. Howland. (b) Dr. Geraghty.	Minor Ailments. Dr. Hamburger.	Clin. Path. Conf. Drs. Thayer and Winternitz. Medical Ethics. (2 lectures).

The courses on Tuesday, Wednesday, Friday and Saturday are obligatory, and continue throughout the year. Those on other days are elective and arranged in Trimesters, but every student must choose one of them for each day and pursue same for entire Trimester.

Medical Zoology, Thursday, 4.30 to 5.30. 1st Trimester.

ELECTIVE

MORNINGS

Medical Research,	daily 9-12 = 3 U.
Surgery (Major), Dr. Halsted and Staff,	daily 9-12 = 3 U.
Rectal Surgery, Monday, Wednesday and Friday. Dr. Stone,	9-12 = 1½ U.
Plastic Surgery, Tuesday, Thursday, and Saturday. Dr. Davis,	9-12 = 1½ U.
Surgical Diagnosis and Pathology. Dr. Bloodgood. 12 students. Wednesday and Friday,	8-9 = ½ to 1 U.
Surgical Diagnosis and Pathology. Special Work. Dr. Bloodgood,	daily = ½ to 1½ U.
Gynecology, Monday, Wednesday and Saturday, 10 students. Drs. Kelly, Cullen and Resident,	9-12 = 1½ U.
Obstetrics, Tuesday, Thursday and Friday, 10 students. Dr. Williams and Staff,	9-12 = 1½ to 2½ U.
Children's Diseases (Major). Dr. Howland and Staff. Limited to 7,	daily 9-12 = 3 U.
Genito-Urinary (Major). Dr. Young,	daily 9-12 = 3 U.
Special Urological Pathology. Dr. D. M. Davis. 2d and 3rd Tri.,	Tuesday 10-11 = ⅙ U.
Research in Urology. Dr. Young and Staff,	
Psychiatry (Major). Dr. Meyer and Staff,	9-12 = 3 U.
Psychiatry (Dispensary). Dr. Campbell, daily except Thursday,	10-12 = 3 U.
Research, other departments,	daily 9-12 = 3 U.
Neurology (Minor). Dr. Thomas,	daily 10-11 = 1 U.
Disorders of Metabolism. Tuesday. Dr. Mosenthal,	10-12 = ⅓ U.
Tuberculosis: Advanced Course. (2d. Tri.), twice weekly, Tuesday and Friday. Drs. Krause and Austrian,	10-12 = ⅔ U.
Gastro-Intestinal. Dr. Brown. Feb.-June, Monday and Wednesday.	10-12 = ⅔ U.
Drawing as Applied to Medicine. Mr. Broedel,	Tuesday, 1.30-5 = ½ U.

AFTERNOONS

Ophthalmology (Major). Dr. Theobald, Dr. Randolph and Staff,	daily 2-4.30 = 2½ U.
Orthopedics (daily or 3 times weekly for 1 Trimester), limited to 14 students. Dr. Baer,	2-3.30 = 1 U.
Genito-Urinary (Minor, 3 times weekly for 1 Tri.). Drs. Young and Geraghty,	daily 2-3.30 = 1 U.
Dermatology (Major). Drs. Gilchrist and Lord (limited to 10)	daily 2-4.30 = 2½ U.
Dermatology (Minor, 3 times weekly for 1 Tri.). Drs. Gilchrist and Lord,	daily 2-3.30 = 1 U.
Laryngology (Major). Dr. Crowe and Staff,	daily 2-3.30 = 2½ U.
Laryngology (Minor for ½ Tri.). Dr. Crowe and Staff,	daily 2-3.30 = 1 U.
Syphilis (Minor), Monday, Wednesday, and Friday. Dr. Keidel.	2-3.30 = 1 U.

All courses extend over one Tri

Students must take 18 units during the year:

Medicine,	6 units.
Surgery,	3 "
Obligatory afternoon exercises (Wed., Fri. and Sat.),	1 "
2 Specialties (Ophthalmology and one minor elective).	2 "
6 Elective Units,	6 "
	18 units.

Units or Minor Course equals 66 hours, or 6 hours a week for 1 Trimester; 2 hours a week for 1 year.

1st. Trimester October to Christmas.	2nd Trimester. January to March 15.	3rd Trimester. March 15 to June.
Group I. Group II. Group III.	Group III. Group I. Group II.	Group II. Group III. Group I.

Ophthalmology (3 times weekly for 1 Trimester), 2-3.30 P. M. = 1 unit, leaving 1½ units elective. Elective Courses, afternoons, 2-4.30.
Elective Section. Elective Courses, mornings, 9-12, and afternoons, 2-4.30.

AND CLINICS

Thursday.	Friday.	Saturday.
(a) Orthopedics. Dr. Baer. (b) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Janeway.
(a) Dr. Baer. (b) Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Janeway. Psychiatric Clinics. Jan. to Mar. 15. 3.30-5.30. Dr. Meyer.
(a) Dr. Baer. (b) Dr. Geraghty.	Surgical Clinic. Dr. Halsted. After April 1. Digestive Diseases. Dr. Brown.	Medical Clinic. Dr. Barker.

Courses may be pursued for entire year or changed each Trimester. Attendance on three of these elective courses for one Trimester = ½ unit.

Psychiatry (11 lectures), Fridays, 4-5, 2d Trimester. Subject to change.

COURSES

Bronchoscopy and Oesophagoscopy. For elective groups only. Dr. Slack (Hunterian Lab.), Tuesday,	3-5	= ⅓ U.
Obstetrical Pathology. Dr. Williams and Staff (Repeated two Tri.). Friday,	2-4.30	= ½ U.
Gynecological Dispensary. Drs. Holmes and Richardson, daily, 1 Tri., sections of two students each day,	2-4	= ⅓ U.
Gynecological Pathology (Repeated three Trimesters). Drs. Cullen, Novak and Stickney,	2-4.30	= ½ U.
Cystoscopy. Drs. Hunner and Resident, Tuesday, Thursday, and Saturday. ½ Trimester (limited to 3 students),	2.30-4.30	= ⅓ U.
Psychiatry, Clin. demonstrations, 2d and 3d Tri., Thursday,	4.30-5.30	= ⅙ U.
Psychiatry. Dr. Berkley. 1st Trimester, -Saturday,	3.30-5.30	= ⅓ U.
Psychiatry, laboratory work as arranged,		
Psychiatric Clinic, Saturday, Sheppard Pratt Hosp. Dr. Dunton. 3rd Tri.,	3.30-5.30	= ⅓ U.
Medical Research, daily,	2-4.30	= 2½ U.
Research in other departments, daily,	2-4.30	= 2½ U.
Experimental Pathology (Minor). Dr. Winternitz, twice weekly,	2-4.30	= ½ U.
Immunology and Special Bacteriology. Dr. Bayne-Jones. Wednesday and Friday. 2d Tri.,	2-5	= ½ U.

Lectures

Genito-Urinary. Dr. Young,	Monday,	3.30-4.30	= ⅙ U.
Tuberculosis. Dr. Krause. 2d Trimester,	Tuesday,	4.30-5.30	= ⅙ U.
Dermatology. Dr. Gilchrist. (Conference),	Tuesday,	3.30-4.30	= ⅙ U.
Syphilis. Dr. Keidel,	Thursday,	4-5	= ⅙ U.
Laryngology. Dr. Crowe,	Wednesday,	3.30-4.30	= ⅙ U.
Gynecology. Dr. Kelly or Staff,	Monday,	4.30-5.30	= ⅙ U.
Cardiac Arrhythmias. 2d Trimester. Dr. Bridgman.	Friday,	4.30-5.30	= ⅙ U.
Medical Urology. 2d Trimester. Dr. Keith,	Thursday,	3.30-4.30	= ⅙ U.
Medical Bacteriology. Drs. Clough and Sydenstricker 1st Trimester,		4.30	= ⅙ U.
Hysteria and the Psychoneuroses. 1st Tri. Dr. Campbell,	Wednesday,	3.30-4.30	= ⅙ U.
Ophthalmology. Dr. Theobald,	Thursday,	3.30-4.30	= ⅙ U.
Hospital Interneships. (One lecture). Dr. Smith. Monday, December 18,		4.30-5.30	

mester, unless otherwise stated.

SUMMARY OF THE WORK.

Medical Group.	Wards, etc.,	8.30-12
	Lecture or Clinic,	12-1
	Wards, etc.,	2-4.30
Surgical Group.	Wards,	9-12
	Lecture or Clinic,	12-1
	Ophthalmology,	2-3.30
	Elective Work,	2-4.30
Elective Group.	Elective Work,	9-12
	Lecture or Clinic,	12-1
	Elective Specialties,	2-4.30

(Groups alternate each Trimester.)

APPENDIX

APPENDIX

I

ENDOWMENT

The founder of the Johns Hopkins University, in devoting his large fortune to the establishment of the University and the Hospital, had in view the organization of a school of medicine. In his letter addressed to the Trustees of the Hospital, dated March 10, 1873, these significant words occur:

"It will be your especial duty to secure, for the service of the Hospital, surgeons and physicians of the highest character and greatest skill. . . . In all your arrangements in relation to this Hospital, you will bear constantly in mind that it is my wish and purpose that the institution shall ultimately form a part of the Medical School of the University for which I have made ample provision in my will."

When the University was opened in 1876, arrangements were made for instruction in those sciences such as physics, chemistry, and biology, which lead up naturally to the professional study of Medicine. In 1884 the professorship of pathology was filled and the pathological laboratory was opened. In 1889 the Johns Hopkins Hospital was opened, and the physicians, surgeons, and gynecologist in chief to the Hospital were appointed to the professorships, respectively, of medicine, surgery, and gynecology and obstetrics. At the same time the professor of psychiatry was appointed. Opportunities for instruction were afforded to graduates in medicine. Ampler endowment however, was needed to complete the organization of a medical department.

Gifts amounting to $111,731.68, most of which were offered to this University in October, 1890, by a committee of women, and an additional gift of $306,977, offered to the University in December, 1892, in addition to her previous subscriptions, by Miss Mary Elizabeth Garrett, made up, with other available resources, the amount of $500,000, which had been agreed upon by the Trustees as the minimum sum to be secured for the opening of the Medical Department. These generous contributions were made upon condition that women be received upon the same terms as men.

This endowment, added to the available resources of the Johns Hopkins University and the Johns Hopkins Hospital, enabled the

Trustees to complete the organization of the Medical Department and to open it for instruction in 1893.

II

THE WOMEN'S MEDICAL SCHOOL FUND

At a meeting of the Board of Trustees of the University, October 28, 1890, the following letter was presented.

"The committee formed for the purpose of raising a fund to procure the most advanced medical education for women, can now place at your disposal the sum of one hundred thousand dollars for the use of your Medical School, if you will, by resolution, agree that women whose previous training has been equivalent to your preliminary medical course, shall be admitted to the school, when it shall open, upon the same terms which may be prescribed for men. There can be no doubt that women ought to be trained to act as nurses for sick women. There is as little doubt that a sufficient number of women ought to be educated and trained in such manner as to be fully able to care for sick women who may wish or ought to be treated by women. We have devoted ourselves to the furtherance of this object. We have reason to hope that a university which proposes to found a medical school intended to teach advanced methods in the treatment of those diseases which affect mankind, will not refuse to women the opportunity of learning such methods. There is now a general interest in our movement. In order that this interest may be sustained, we ask you to consider our offer at the earliest possible period.

NANCY MORRIS DAVIS,
Chairman of the Baltimore Committee."

The following minute was adopted by the Trustees.

The President and Board of Trustees of the Johns Hopkins University have received from Mrs. Nancy Morris Davis, chairman of one of the committees formed for the purpose of raising a fund to procure the most advanced medical education for women, the gratifying intelligence that $100,000 has been raised for the use of their intended Medical School, and is at their disposal, if they will, by resolution, agree to the terms upon which the money was contributed by its donors.

The terms are that this Board, if it accepts the funds thus raised, shall agree, by resolution, that, when its Medical School shall be

opened, women whose training has been equivalent to the preliminary medical course prescribed for men, shall be admitted in such school upon the same terms as may be prescribed for men.

The offer to this University of the particular fund is the free, voluntary act of women residing in this State and in other States, made without the suggestion or solicitation of this Board, and we accept it under and subject to the terms which are made a part of the gift, with the understanding and declaration, however, that such preliminary training in all its parts be obtained in some other institution of learning devoted, in whole or in part, to the education of women, or by private tuition.

The fund so contributed shall be invested and known as "The Women's Medical School Fund," and that fund, and all interest to accrue thereon and all additions made thereto for the same purpose, shall remain invested for the purpose of increase only until, with its aid as a foundation, a general fund has been accumulated amounting to not less than $500,000, and sufficient for the establishment and maintenance of a Medical School worthy of the reputation of this University, and fully sufficient as a means of complete medical education. Then, and not until then, will a Medical School be opened by this University; and then, and not until then, will the gift now offered be used by this University; and then, and not until then, will the terms attached thereto be operative.

The utility of a training school for women nurses has been demonstrated by the experience and practice of the Johns Hopkins Hospital, and by the necessities of home life among our people.

This Board is satisfied that in hospital practice among women, in penal institutions in which women are prisoners, in charitable institutions in which women are cared for, and in private life, when women are to be attended, there are a need and place for learned and capable women physicians; and that it is the business and duty of this Board, when it is supplied with the necessary means for opening its proposed Medical School, to make provision for the training and full qualification of such women for the abundant work which awaits them in these wide fields of usefulness.

Nothing contained in this minute shall be construed as abridging, in any manner, the right of the Board of Trustees of the Johns Hopkins University to make such rules and regulations as they may deem necessary for the government of the School of Medicine, when it is organized; and in making such rules and regulations the terms of this minute shall always be respected and observed.

III

THE MARY ELIZABETH GARRETT FUND *

TERMS OF THE GIFT, AS ACCEPTED BY THE TRUSTEES, FEBRUARY 21, 1893.

Miss Mary Elizabeth Garrett, in order to make up the sum of $500,000, which the Board of Trustees required should be secured as an endowment before the Medical School of the University was opened, has contributed to that fund the sum of $306,977, upon the following terms, which have been agreed to by the University:

1. That women shall enjoy all the advantages of the Medical School of the Johns Hopkins University on the same terms as men, and shall be admitted on the same terms as men to all the prizes, dignities or honors that are awarded by competition, examination, or regarded as rewards of merit.

2. That not more than $50,000 of the original endowment of $500,000 shall be expended on a building or buildings; and that in memory of the contributions of the Committees of the Women's Medical School Fund, this building, if there be but one, or the chief building, if there be more than one, shall be known as the Women's Fund Memorial Building.

3. That the Medical School of the University shall be exclusively a graduate school as hereinafter explained, that is to say: That the Medical School of the Johns Hopkins University shall form an integral part of the Johns Hopkins University, and, like other departments of the University, shall be under the management and control of the Trustees of the said University, that it shall provide a four years' course, leading to the degree of Doctor of Medicine; that there shall be admitted to the school those students only who, by examination or by other tests equally satisfactory to the Faculty of the Medical School (no distinction being made in these tests or examinations between men and women), have proved that they have completed the studies included in the Preliminary Medical Course (Group Three, Chemical-Biological Course) as laid down in the University Register (but this condition is not meant to restrict the Trustees from receiving as hearers, but not as candidates for the degree of Doctor of Medicine, those who have received the degree of Doctor of Medicine, or its equivalent, in some school of good repute); and that the degree of Doctor of Medicine of the Johns Hopkins University shall be given to no Doctor of Medicine who have not proved by examination or by other tests equally satis-

* So designated by the Trustees, September 24, 1892.

factory to the Faculty of the Medical School that they have completed the studies included in the Preliminary Courses, besides completing the course of instruction of the Medical School of the Johns Hopkins University.

The aforegoing provision shall not be construed as restricting the liberty of the University to make such changes in the requirements for the admission to the Medical School of the Johns Hopkins University or to accept such equivalents for the studies required for admission to this school as shall not lower the standard of admission specified in this clause; provided that the requirements in modern languages other than English shall not be diminished, and provided also that the requirements in non-medical scientific studies shall include at least as much knowledge of natural science as is imparted in the three minor courses in science now laid down in its university register, the subjects and arrangements of these scientific studies being subjcet to such modifications as may from time to time seem wise to its Board and to the Faculty of the Medical School, but being at all times the same for all candidates for admission. (For such requirements always see University Register.)

4. That the terms of this gift and the resolutions of October 28, 1890, by which the Trustees accepted the gift of the Women's Medical School Fund, shall be printed each year in whatever annual calendars may be issued announcing the courses of the Medical School. (See appended resolutions.)

5. That there shall be created a committee of six women to whom the women studying in the Medical School may apply for advice concerning lodging and other practical matters, and that all questions concerning the personal character of women applying for admission to the School and all non-academic questions of discipline affecting the women studying in the Medical School shall be referred to this committee, and by them be in writing reported for action to the authorities of the University; that the members of this committee shall be members for life; that the committee, when once formed shall be self-nominating, its nominations of new members to fill such vacancies as may occur being subject always to the approval of the Board of Trustees of the University.

6. That in the event of any violation of any or all of the aforesaid stipulations, the said sum of $306,977 shall revert to her, or such person or persons, institution or institutions, as she by testament or otherwise may hereafter appoint.

It will be observed that by the tenor of the aforegoing terms no university course will be in any way modified by any conditions attached to her gift. These conditions relate exclusively to preparation for the Medical School, and have received, in the shape in

which they are now presented the unanimous approval of the Medical Faculty of the University.

The terms of admission to the Medical School of the University, as formulated and interpreted by the Medical Faculty of the University, February 4, 1893, and here subjoined, are therefore in entire accordance with the terms of her gift.

(Signed) MARY E. GARRETT.

REQUIREMENTS FOR ADMISSION TO THE MEDICAL SCHOOL OF THE JOHNS HOPKINS UNIVERSITY, UNANIMOUSLY APPROVED BY THE MEDICAL FACULTY, FEBRUARY 4, 1893.

A course of four years' instruction will be provided leading to the degree of Doctor of Medicine.

To this course there will be admitted as candidates for the degree:

1. Those who have satisfactorily completed the Chemical-Biological course which leads to the A. B. degree in the University.

2. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have a good reading knowledge of French and German; (*b*) That they have such knowledge of physics, chemistry and biology as is imparted by the regular minor courses given in these subjects in this University.

3. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and the knowledge of French, German, physics, chemistry and biology already indicated.

By approved colleges and scientific schools are meant those whose standard for graduation shall be considered by this University as essentially equivalent to its standard for graduation in the undergraduate department.

It is to be understood that at least one year's study in the Chemical and Biological Sciences in their immediate relation to medicine shall be required from students after their entrance to the Medical School.

WOMEN'S COMMITTEE OF MEDICAL SCHOOL

MRS. WILLIAM H. HOWELL,
MISS M. CAREY THOMAS,
MRS. THEODORE JANEWAY,
MRS. ADOLPH MEYER,
MRS. HOWARD A. KELLY,
MRS. HENRY M. THOMAS.

Their duties are stated in paragraph 5 of the letter printed above.

IV

THE BAXLEY PROFESSORSHIP

By the will of Dr. Henry Willis Baxley, of Baltimore, who died March 13, 1876, a sum of money, amounting to $23,836.52, was received by the Trustees of the University to endow any medical professorship that they might think proper. This fund was kept intact, and was invested by the Trustees with the purpose of allowing it to accumulate until it had reached a sum more adequate to carrying out the desire of the founder. In March, 1901, upon the request of the President and the Medical Faculty, the Board of Trustees of the University directed that this fund shall be set apart to endow the Professorship of Pathology in the University, which shall hereafter be known as the Baxley Professorship of Pathology.

V

THE HERTER LECTURESHIP

In November, 1902, Dr. and Mrs. Christian A. Herter, of New York, offered to the Medical Department of the Johns Hopkins University the sum of $25,000 "for the formation of a memorial lectureship designed to promote a more intimate knowledge of the researches of foreign investigators in the realm of medical science." This gift was accepted by the Trustees of the University November 3, 1902. According to the terms of the gift, some eminent worker in Physiology or Pathology is to be asked each year to deliver a lecture at the Johns Hopkins University upon a subject with which he has been identified. The selection of a lecturer is to be left to a committee representing the departments of pathology, physiological chemistry and clinical medicine, and if "in the judgment of the committee it should ultimately appear desirable to open the proposed lectureship to leaders in medical research in this country there should be no bar to so doing." The committee named for this purpose consists of Drs. Welch, Abel and Janeway.

LECTURERS ON THIS FOUNDATION

Professor Paul Ehrlich, of Frankfort.
Professor Hans H. Meyer, of Vienna.
Professor Sir Almroth E. Wright, of London.
Professor Sir Edward A. Shäfer, of Edinburgh.
Professor Hans Chiari, of Strassburg.
Professor Albrecht Kossel, of Heidelberg.
Professor George F. Nuttall, of Cambridge, England.
Professor Thomas Lewis, University College Hospital Medical School.
Professor Theobald Smith, of the Rockefeller Institute for Medical Research.

VI

THE ENDOWMENT OF THE JOHNS HOPKINS HOSPITAL

The intimate connection between the Medical School and the Johns Hopkins Hospital renders it proper to mention the facilities of the Hospital as an important adjunct to the endowment of the Medical School. By the letter of instruction of the founder, it was provided that the Johns Hopkins Hospital should furnish clinical facilities for the Medical School. In the purchase of the site of the Hospital, the location and arrangement of buildings, the construction of the apparatus for heating and ventilation and all other hygienic appliances, the purpose of medical instruction was constantly borne in mind. The original buildings and grounds of the Hospital, not including the Harriet Lane Home, the Phipps Psychiatric Clinic, the Marburg building, and the Brady Urological Institute and other buildings, have cost upwards of two millions of dollars. Upon the hospital grounds have been erected various buildings, which furnish ample facilities for the accommodation of 600 in-patients and many thousand out-pateints, as well as a pathological laboratory, with a large autopsy amphitheatre. These buildings also provide class-rooms in connection with the out-patient department, a large clinical laboratory, a surgical building with five operating rooms, as well as rooms for the study of surgical pathology, clinic rooms, several lecture rooms, and a clinical amphitheatre, all equipped with ample apparatus for the instruction of students. The administration building furnishes accommodation for a medical staff of over fifty persons. It also has a large library and reading rooms.

VII

THE ENDOWMENT OF THE CLINICAL LABORATORY

An endowment, which benefits the Medical School through the Hospital, has been a fund of $10,000 to build and equip a clinical laboratory upon the Hospital grounds for the use of Medical students. This laboratory permits each student in the third and fourth years to have a place for clinical work, including microscopes and reagents, the use of a dark room, access to polariscopes and other instruments. It also contains rooms for special study and research.

VIII

THE FUND FOR THE STUDY OF TUBERCULOSIS

This endowment for the study of tuberculosis has been placed in the hands of the Hospital Trustees for the study of the conditions of tubercular diseases in Baltimore. Through the funds afforded it has been practicable to employ a medical graduate to follow cases of tuberculosis and to watch the effects of methods of treatment; also to secure the services of medical students and nurses to visit the homes of tubercular patients and to give instruction as to the better care of the victims of the disease. By means of this fund facilities are further afforded to students to study tubercular cases that come to the out-patient department of the Hospital.

IX

THE PHIPPS FUND FOR THE STUDY OF TUBERCULOSIS

Through the liberality of Mr. Henry Phipps, a fund of $20,000 has been given to the Hospital for the erection of a separate building in connection with the out-patient department, for the special study of tuberculosis. In this building rooms are arranged for the examination and treatment of patients, for a special library on tuberculosis, and for the laboratory study of the disease. The facilities thus afforded give exceptional opportunities for the study of all forms of tuberculosis.

X

THE PHIPPS PSYCHIATRIC CLINIC

In a letter to the Trustees of the Johns Hopkins Hospital, June 12, 1908, Mr. Henry Phipps, of New York, offered the funds necessary for the erection of a psychiatric hospital, on the grounds of the Johns Hopkins Hospital, to accommodate about eighty patients and to contain the necessary laboratory equipment, hydro-therapeutic apparatus and other modern facilities for treatment. He offered, moreover, to the Trustees of the Johns Hopkins University, additional funds for the establishment of a department of psychiatry for a period of ten years from the opening of the clinic. This

generous offer was accepted by the Trustees of the University and Hospital. The building was opened with impressive ceremonies in April, 1913, and affords unsurpassed facilities.

XI

THE HARRIET LANE HOME FOR INVALID CHILDREN

By her last will, Mrs. Harriet Lane Johnston, of Washington, D. C., left a sum of over $400,000 to establish in Baltimore The Harriet Lane Home for Invalid Children as a memorial of two sons who had died in childhood. In order to give this Home the largest usefulness, its Trustees decided to erect it upon the grounds of the Johns Hopkins Hospital and to open its wards for the instruction of physicians and nurses in the diseases of children. The building, which accommodates 100 children, was opened in October, 1912, and affords facilities for the study of the diseases of children, including those of an infectious nature.

XII

THE JAMES BUCHANAN BRADY UROLOGICAL INSTITUTE

In October, 1912, Mr. James Buchanan Brady of New York offered to the Trustees of the Johns Hopkins Hospital funds sufficient for the erection and maintenance of a special building for the care of 60 patients suffering from genito-urinary disorders. This generous offer was accepted, and the building, which was opened in October, 1914, is designated as the James Buchanan Brady Urological Institute. It offers exceptional facilities for the treatment of patients, the advancement of knowledge, and the instruction of physicians and students.

XIII

THE WILLIAM H. WELCH FUND FOR CLINICAL EDUCATION AND RESEARCH

In response to the request of the Trustees of the Johns Hopkins University for funds to enable it to place the departments of Medicine, Surgery and Pediatrics upon the full University basis, the

General Education Board, in October, 1913, contributed the sum of one and one-half million dollars, as announced in the following letter:—

Dr. William H. Welch,
Chairman of the Administrative Committee,
Johns Hopkins University, Baltimore.

Dear Dr. Welch:

At a meeting of the General Education Board, held October 23, 1913, your application on behalf of the Johns Hopkins Medical School was presented for consideration. After full discussion the following resolutions were unanimously passed.

"Resolved, That the General Education Board hereby agrees to appropriate the funds necessary to carry out the full-time scheme described in Dr. Welch's letter under date of October 21, 1913, and empowers the Finance Committee to take the necessary steps looking to the execution of this agreement.

"Resolved, That, in view of Dr. Welch's great services to the cause of medical education in America, the fund appropriated as above be called "The William H. Welch Endowment for Clinical Education and Research."

With great respect, I am,
Faithfully yours,
(Signed) WILLIAM BUTTRICK.

October 29, 1913.

XIV

THE KENNETH DOWS TUBERCULOSIS RESEARCH FUND

Through the generosity of Mr. Kenneth Dows, a sum not to exceed $17,500 a year, has been guaranteed to the Trustees of the University and the Hospital for five years, beginning September 1, 1916, for the maintenance of laboratory studies of tuberculosis and the extension of the activities of the Tuberculosis Dispensary. He has also given the sum of $17,500 for the provision of the increased laboratory facilities required. Unusual advantages for the teaching and investigation of tuberculosis are thus made available.

CATALOGUE OF STUDENTS

A—List of Candidates for the degree of M. D.

B—Geographical distribution of Students, etc.

C—List of Physicians attending Graduate and Summer Courses

STUDENTS, 1916-1917

(Corrected to October 30, 1916.)

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

First Year

WILMAR MASON ALLEN. Ridley Park, Pa. 1012 *N. Bdway.*
A. B., Haverford College, 1916.

RIDGELY WATERS BAER. Roland Park. *Roland Park.*
A. B., Johns Hopkins University, 1916.

GARLAND HOWARD BAILEY. Giatto, W. Va. 1012 *N. Bdway.*
S. B., West Virginia University, 1915; Graduate Student, Harvard, 1915-16.

NATHANIEL MUNROE BECK. Baltimore. 2422 *N. Calvert St.*
A. B., Johns Hopkins University, 1916.

ELI JEFFERSON BROWDER. Harrison, Mont. 1022 *N. Bdway.*
A. B., Emory and Henry College, 1915.

PAUL E. BROWN. Sparta, Ga. 1022 *N. Broadway.*
S. B., Emory University, 1915.

JOHN GILLETT BURNS. Cuero, Tex. 1526 *E. Biddle St.*
A. B., Southwestern University, 1916.

WILLIAM COURETTE CALDWELL. Athens, La. 1228 *N. Eden St.*
A. B., Louisiana State University, 1911; and M. S., 1912.

ERNEST JOSEPH CAULFIELD. Hartford, Conn. 1801 *N. Bdway.*
S. B., Trinity College (Ct.), 1916.

HAZEN GRAVES CHAMBERLIN. Ischua, N. Y. 1016 *N. Bdway.*
A. B., Pomona College, 1916.

ELEANOR CLARY. Worces ter, Mass. 2216 *N. Charles St.*
A. B., Vassar College, 1914; Graduate Student, Radcliffe, 1915-1916.

GUY NELSON CROMWELL. Anne Arundel Co. *Brooklyn.*
A. B., Johns Hopkins University, 1916.

SEVERN TEACKLE WALLIS CULL. Baltimore. 1415 *Park Av.*
A. B., Princeton University, 1914; Graduate Student, Johns Hopkins University, 1915-1916.

HENRY LAURAN DARNER. Hagerstown. 1529 *N. Bdway.*
A. B., Western Maryland College, 1916.

DANIEL CADY DARROW. Fargo, N. D. 606 *N. Broadway.*
A. B., Cornell University, 1916.

EDWARD CLARK DAVIDSON. Bellevue, Pa. 527 *N. Wolfe St.*
S. B., Harvard University, 1916.

HELENE DOETSCH. Baltimore. 733 *W. Lombard St.*
A. B., Goucher College, 1916.

ROGER GAMBLE DOUGHTY. Augusta, Ga. 122 *N. Broadway.*
S. B., University of Georgia, 1916.

RICHARD DRESSER. Providence, R. I. 1610 *E. Biddle St.*
Ph. B., Brown University, 1916.

WILLIAM HILL ECKFORD. Swissvale, Pa. 704 *N. Broadway.*
A. B., Emory College, 1916.

VALCOULON LEMOYNE ELLICOTT. Melvale.
S. B., Massachusetts Institute of Technology, 1916.

AUGUSTUS ROI FELTY. Hartford, Conn. 305 *N. Bdway.*
A. B., Yale University, 1916.

OTTO ORREN FISHER. Jacksonville, Fla. 618 *N. Bdway.*
A. B., Miami University, 1909.

FRANK RODOLPH FORD. Fairfax, Va. 1511 *Bolton St.*
A. B., Johns Hopkins University, 1915.

JAMES CHARLES FOX, JR. Middletown, Conn. 1021 *N. Bdway.*
A. B., Williams College, 1916.

ROBERT ELMER FRICKE. Baltimore. *Central Y. M. C. A.*
A. B., Johns Hopkins University, 1916.

JONAS STEIN FRIEDENWALD. Baltimore. 1029 *Madison Av.*
A. B., Johns Hopkins University, 1916.

WILLIAM HARRIS FUNK. South Bend, Ind. 1021 *N. Bdway.*
A. B., Williams College, 1916.

MANUEL GUTMAN GICHNER. Baltimore. 1516 *Madison Av.*
A. B., Johns Hopkins University, 1916.

MYRON EVERETT GOLDBLATT. Baltimore. 855 *Greenmount Av.*
A. B., Clark College, 1915; Graduate Student, Johns Hopkins University, 1915-1916

ELMER PAUL GREENAWALT. Springfield, O. 1220 *N. Bdway.*
A. B., Wittenberg College, 1915.

*ROBERT MCCULLEY HALBACH. Lancaster, Pa. 716 *N. Broadway.*
S. B., Franklin and Marshall College, 1915, and M. S. 1916.

FRANKLIN MCCUE HANGER, JR. Staunton, Va. 1614 *E. Biddle St.*
S. B., University of Virginia, 1916.

HELEN HARRINGTON. Denver, Colo. 1709 *E. Fairmount Av.*
A. B., Wellesley College, 1902, and A. M., University of Denver, 1915.

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* School of Hygiene.

CHARLES LESTER HARTSOCK. Cumberland. 1529 *N. Bdway.*
S. B., St. John's College, 1916.

HARRY MORTON HAWKINS. Pittsburgh, Pa. 1017 *N. Bdway.*
A. B., Washington and Jefferson College, 1916.

RAYMOND WILLARD HAWKINS. Rochester, N. Y. 120 *Jackson Pl.*
S. B., University of Rochester, 1916.

ARTHUR JOSEPH HEARN. Hudson, N. Y. 1027 *N. Caroline St.*
Ph. B., Yale University, 1916.

LEIGHT MONROE HIGGINS. Athens, O. 1526 *E. Biddle St.*
A. B., Ohio University, 1916.

WILLIAM HOLLISTER. New Bern, N. C. 1028 *N. Bdway.*
S. B., Davidson College, 1916.

EMMETT HOLT. New York, N. Y. 1216 *N. Bdway.*
A. B., Harvard University, 1916.

PHILLIP BIRD HOPKINS. Baltimore. 234 *Laurens St.*
A. B., Randolph-Macon College, 1913; Summer School, Johns Hopkins University, 1914, 1915, and 1916.

WILLIAM BANKS HUFF. Roanoke, Va. 1216 *N. Bdway.*
A. B., Roanoke College, 1916.

EDITH BANFIELD JACKSON. Colorado Springs, Colo. 104 *Jackson Pl.*
A. B., Vassar College, 1916.

WILLIAM OSCAR JOHNSON. Winchester, Ky. 806 *N. Broadway.*
S. B., Kentucky Wesleyan College, 1915.

RALPH CHARLES KAHLE. Burlington, Ia. 1328 *N. Caroline St.*
A. B., State University of Iowa, 1916.

ROBERT PHELPS KENNEDY. Buffalo, N. Y. 1610 *E. Biddle St.*
A. B., Cornell University, 1912; Summer Session, Freiburg, 1911.

HALFORD BENSON KNEALE. Anderson, Ind. 1529 *N. Bdway.*
A. B., DePauw University, 1915.

M. WEIR KNEEDLER. Pittsburgh, Pa. 1028 *N. Bdway.*
S. B., University of Pittsburgh, 1916.

GUY WHITMAN LEADBETTER. South Lincoln, Me. 1526 *N. Bdway.*
A. B., Bowdoin College, 1916.

CHARLES ALEC LEVIN. Norwich, Conn. 1626 *E. Biddle St.*
A. B., Brown University, 1916.

BERTRAM DAVID LEWIN. San Antonio, Tex. 1222 *N. Bdway.*
A. B., University of Texas, 1916.

JACOB LIVINGSTON. Dover, N. J. 1019 *N. Broadway.*
S. B., Lafayette College, 1916.

GEORGE MARSHALL LYON. Huntington, W. Va. 1222 *N. Bdway.*
S. B., Denison University, 1916.

CHARLES CLIFTON MCCOY. East Liverpool, O. 527 *N. Wolfe St.*
S. B., Princeton University, 1915.

ARCHIBALD MURDOCH MCKEITHEN. Cameron, N. C. 1028 *N. Bdway.*
S. B., Davidson College, 1916.

CLYDE MCNEILL. Edgmoor, S. C. 624 *N. Bdway.*
A. B., Erskine College, 1915; S. B. and A. M., University of South Carolina, 1916.

JOSEPH MORTIMER MARCUS. Glens Falls, N. Y.
Ph. B., Yale University, 1916. 1735 *E. Fairmount Av.*

LAY MARTIN. Baltimore Co. *Roland Park.*
S. B., Princeton University, 1915.

WILLIAM CURRY MARTIN. Lexington, Ky. *Y. M. C. A.*
A. B., State University of Kentucky, 1916.

FITZ RANDOLPH MOORE. Lisbon, O. 810 *N. Broadway.*
A. B., Westminster College (Pa.), 1916.

ELIZABETH GRACE NICHOLLS. Northampton, Mass.
A. B., Vassar College, 1915. 104 *Jackson Pl.*

ROBERT WESLEY PARR. Marietta, O. 1022 *N. Broadway*
A. B., Marietta College, 1916.

SUSANNE RING PARSONS. Lincoln, Nebr. 210 *E. 31st St.*
S. B., University of Nebraska, 1914; A. M., 1915.

WINTHROP MORGAN PHELPS. Bound Brook, N. J.
S. B., Princeton University, 1916. 1020 *N. Broadway.*

RENA KATE PIPER. Racine, Wis. 1235 *N. Broadway.*
S. B., University of Wisconsin, 1916.

HARRY WILLIAM PLATH. Davenport, N. D. 716 *N. Bdway.*
S. B., Fargo College, 1916.

ARTHUR CHIPMAN PRIMROSE. Baltimore. 3302 *Auchentoroly Tr.*
A. B., Johns Hopkins University, 1916.

FRANK H. PURCELL. Detroit, Mich. 810 *N. Broadway.*
A. B., University of Michigan, 1916.

FREDERICK LEET REICHART. Lancaster, Pa. 820 *N. Broadway.*
Ph. B., Franklin and Marshall College, 1916.

WILLIAM HARRY RESNIK. New Haven, Conn.
Ph. B., Yale University, 1916. 1735 *E. Fairmount Av.*

JOHN AUGUST SCHEURICH. Baltimore. 2201 *Harford Av.*
A. B., Loyola College, 1916.

JOHN ARMSTRONG SHACKELFORD. Martinville, Va. 2116 *N. Bdway.*
S. B., Hampden-Sidney College, 1916.

HUGH PERCY SHELLABEAR. Baltimore.
A. B., Ohio Wesleyan University, 1912, and A. M., 1913.
805 *Beaumont Av., Govans.*

EDWARD PIERCE LENTZ SHOPE. Harrisburg, Pa. 527 *N. Wolfe St.*
A. B., Dickinson College, 1916.

HERBERT CLARE SOULE, JR. Rochester, N. Y. 120 *Jackson Pl.*
S. B., University of Rochester, 1916.

GEORGE SIDNEY SPRAGUE. Lexington, Ky. *Cent. Y. M. C. A.*
S. B., University of Kentucky, 1916.

DAVID STEEL. Auburn, R. I. 1626 *E. Biddle St.*
Ph. B., Brown University, 1916.

EMERSON LAW STONE. Utica, N. Y. 1021 *N. Broadway.*
A. B., Williams College, 1916.

ARTHUR GEORGE SULLIVAN. Northampton, Mass. 1022 *N. Bdway.*
A. B., Catholic University of America, 1916.

NORMAN E. TANNENBAUM. Crawfordsville, Ind. 1612 *E. Biddle St.*
A. B., Wabash College, 1915, and A. M., 1916.

MARGARET TAYLOR. Canandaigua, N. Y. 104 *Jackson Pl.*
A. B., Vassar College, 1915.

THOMAS HERBERT THOMASON. Huntsville, Tex. 1220 *N. Bdway.*
A. B., University of Texas, 1916.

CLARA MABEL THOMPSON. Providence, R. I. 104 *Jackson Pl.*
A. B., Brown University, 1916.

EUGENE NELSON VANDYKE. Renova, Pa. 1010 *N. Broadway.*
S. B., Princeton University, 1916.

LEWIS CLARK WAGNER. Nicholasville, Ky. 1612 *E. Biddle St.*
A. B., Georgetown College (Ky.), 1916.

ALGERNON STORRS WARINNER. Richmond, Va. 1610 *E. Biddle St.*
A. B., Hampden-Sidney College, 1914; Summer School, Johns Hopkins University, 1915.

THEODORE FREDERICK WICHMAN. Rochester, N. Y. 1016 *N. Bdway.*
S. B., Muhlenberg College, 1915.

ARCHIBALD WIESE. Pittsburgh, Pa. 1020 *N. Bdway.*
S. B., Princeton University, 1916.

STUART PAGE WILLIAMSON. Warrenton, Va. *Central Y. M. C. A.*
A. B., Fredericksburg College, 1912; Graduate Student, Johns Hopkins University, 1913-14 and 1915-16.

Second Year

ENOCH HERMON ADAMS. Belgrade Me. 420 *N. Broadway.*
A. B., Bates College, 1913.

JANE B. ARMSTRONG. Rome, N. Y. 127 *Jackson Pl.*
A. B., Smith College, 1910; Graduate student, Syracuse University, 1914-15.

ALVIN GLENWOOOD ATHENS. Summitville, Ind. 1529 *N. Broadway.*
A. B., DePauw University, 1915.

ALBERT ADGATE BAILEY. Hampton, Va. 704 *N. Broadway.*
A. B., Randolph-Macon College, 1915.

MARY KENDRICK BENEDICT. Cincinnati, O. 102 *Jackson Pl.*
A. B., Vassar College, 1897; Ph. D., Yale University, 1903.

DANIEL BENTON BISER. Baltimore. 3717 *Reisterstown Rd.*
A. B., Johns Hopkins University, 1915.

DUDLEY PLEASANTS BOWE. Richmond, Va. 1017 *N. Broadway.*
A. B., Richmond College, 1914.

PAUL J. BOWMAN. Middletown, Pa. 1613 *E. Biddle St.*
A. B., Lebanon Valley College, 1915.

MOSES LEWIS BREITSTEIN. Richmond, Va. 1302 *N. Broadway.*
A. B., Richmond College, 1915; Summer School, University of Michigan, 1914.

EDWIN NASH BROYLES. Atlanta, Ga. 1727 *N. Bdway.*
S. B., University of Georgia, 1915.

JOHN AMBROSE CLARK BUSBY. Delta, Ia. 907 *N. Broadway.*
S. B., Grinnell College, 1915.

EUGENE MORRISON CARR. Albuquerque, N. M. 1022 *N. Broadway.*
A. B., University of Pennsylvania, 1913; Graduate student, Johns Hopkins University, 1914-1915.

JAMES ROBERT CASH. Chattanooga, Tenn. 1614 *E. Biddle St.*
A. B., University of Virginia, 1914, and A. M., 1915.

HORTON RYAN CASPARIS. Austin, Tex. 518 *N. Broadway.*
A. B., University of Texas, 1915.

LELAND STANFORD CHAPMAN. Los Angeles, Cal. 521 *N. Wolfe St.*
S. B., Occidental College, 1915.

LAURENCE BENJAMIN CHENOWETH. Baltimore. 725 *N. Carey St.*
A. B., Johns Hopkins University, 1914.

BENJAMIN MILTON CISSEL. Highland. 1711 *N. Broadway.*
A. B., St. Johns College, 1914.

L. CLARENCE COHN. Baltimore. *Cloverdale Apts.*
A. B., Johns Hopkins University, 1915.

WINCHELL MCKENDREE CRAIG. Washington C. H., O. 1538 *N. Bdway.*
A. B., Ohio Wesleyan University, 1915.

CATHERINE CREIGHTON. Evanston, Ill. 1113 *N. Caroline St.*
A. B., Bryn Mawr College, 1914; Graduate student, George Washington University, 1914-1915.

JAMES EDWARD DAVIS. Groseclose, Va. 1016 *N. Bdway.*
A. B., Roanoke College, 1915.

EDWARD CARSON DEMMOND. Savannah, Ga. 814 *N. Broadway.*
A. B., Emory College, 1915.

EDGAR EVERETT DUNCAN. Waldron, Ark. 1032 *N. Broadway.*
A. B., University of Arkansas, 1915.

RALPH HARPEL DUNLAP. Baltimore. 3300 *Beech Av.*
A. B., Albright College, 1914.

JAMES RALPH DUNN. Camden, S. C. 1022 *N. Broadway.*
S. B., Davidson College, 1915.

FRANKLIN GESSFORD EBAUGH. Reisterstown. 700 *W. North Av.*
A. B., Johns Hopkins University, 1915.

HORTENSIA AMANDA FARRELL. Batavia, N. Y. 1113 *N. Caroline St.*
S. B., Simmons College, 1912.

JOHN MILLER TRAIN FINNEY, JR. Baltimore. 1300 *Eutaw Pl.*
S. B., Princeton University, 1915.

THOMAS SAMUEL FINNEY. Attica, Ind. 1610 *E. Biddle St.*
A. B., Wabash College, 1915.

HOMER GLENN FISHER. La Fontaine, Ind. 1032 *N. Bdway.*
A. B., Indiana University, 1914, and A. M., 1915.

EARL NEWTON FLOWERS. Clarksburk, W. Va. 1216 *N. Bdway.*
A. B., West Virginia Wesleyan College, 1915; Summer Courses, Johns Hopkins University, 1915.

HELEN BLAIR GEORGE. Portland, Ore. 1711 *Fairmount Av.*
A. B., University of Oregon, 1913.

WATSON WOMACK GRAY. Farmville, Va. 704 *N. Broadway.*
A. B., Randolph-Macon College, 1915.

JACOB PEARL GREENBERG. New York, N. Y. 1707 *E. Fairmount Av.*
S. B., College of the City of New York, 1915; Summer Session, Columbia University, 1914.

ROBERT ROGER HANNON. Seattle, Wash. 606 *N. Broadway.*
S. B., University of Washington, 1915.

EDWARD M. HANRAHAN, JR. Binghamton, N. Y. 1727 *N. Bdway.*
A. B., Cornell University, 1915.

FRANK MCCULLOUGH HARTSOOK. Cardington, O. 512 *N. Broadway.*
A. B., University of Michigan, 1915.

RALPH DAVID HERLINGER. Warren, O. 1231 *N. Caroline St.*
S. B., Hobart College, 1915.

HAROLD LEONARD HIGGINS. Boston, Mass. 1702 *N. Broadway.*
A. B., Harvard University, 1907.

CHAMPNEYS HOLT HOLMES. Macon, Ga. 512 *N. Broadway.*
S. B., University of Georgia, 1915.

PAUL ROSCOE HOLTZ. Frederick. 1529 *N. Broadway.*
A. B., Western Maryland College, 1915.

LOIS HUBBARD. Wellesley Hills, Mass. 102 *Jackson Pl.*
A. B., Vassar College, 1915.

CYRIL CHRISTOPHER HUSSEY. Sidney, O. 1538 *N. Broadway.*
S. B., Ohio University, 1915.

WASHINGTON CONNER HUYLER. Tenafly, N. J. 521 *N. Wolfe St.*
S. B., Columbia University, 1915.

GEORGE SUTTON JOHNSTON. Grand Rapids, Mich. 1814 *N. Bdway.*
A. B., University of Michigan, 1915; Medical Student, *ibid,* 1915-1916.

ROBERT ALEXANDER JOHNSTON. Tuskegee, Ala. 606 *N. Bdway.*
S. B., University of Alabama, 1915.

HUGH WILSON JOSEPHS. Newport, R. I. 1021 *Cathedral St.*
A. B., Harvard University, 1914; Graduate Student, *ibid.,* 1914-1915.

H. DABNEY KERR. Catonsville. 527 *N. Wolfe St.*
S. B., University of Wisconsin, 1916; Medical Student, *ibid.,* 1914-1916.

FRANK BERGNER KINDELL. Bradford, O. 606 *N. Bdway.*
A. B., Oberlin College, 1915.

HOWARD ATHOS KINNAMAN. Bowling Green, Ky. 420 *N. Bdway.*
S. B., Earlham College, 1915.

WILLIAM MINSTER KUNKEL. Harrisburg, Pa. 820 *N. Bdway.*
A. B., Franklin and Marshall College, 1915.

LUCILLE LIBERLES. Baltimore. 2347 *Eutaw Pl.*
A. B., Goucher College, 1915.

FERDINAND CHRISTIAN LIEBERKNECHT. Baltimore.
A. B., Cornell University, 1915. 1909 *W. Baltimore St.*

RICHARD SHERMAN LYMAN. Hartford, Ct. 606 *N. Broadway.*
A. B., Yale University, 1913; Graduate Student, Massachusetts Institute of Technology and Harvard University, 1913-1915.

BIRKHEAD MACGOWAN. Knoxville, Tenn. 1252 *N. Bdway.*
S. B., University of Tennessee, 1915.

CLEON CARL MASON. Long Beach, Cal. 518 *N. Bdway.*
Ph. B., Grinnell College, 1909.

WILLIAM McINTOSH. Oberlin, O. 1027 *N. Caroline St.*
A. B., Oberlin College, 1913, and A. M., 1915.

LAURA MARY MOENCH. Gowanda, N. Y. 101 *Jackson Pl.*
A. B., Wellesley College, 1914; Medical Student, Cornell University, 1915-16.

JOHN MERRELL MONFORT. Cartersville, Ga. 1022 *N. Bdway.*
A. B., Emory University, 1915.

DORIS AUDREY MURRAY. St. John, New Bruns. 1113 *N. Caroline St.*
A. B., McGill University, 1915.

LUTHER KYNER MUSSELMAN. Gettysburg, Pa. 420 *N. Broadway.*
S. B., Pennsylvania College, 1915.

NORMAN CLIVE NICHOLSON. Baltimore. 612 *N. Gilmor St.*
A. B., Johns Hopkins University, 1915.

JOSEPH GRANT O'BRIEN, JR. Butte, Mont. 1623 *N. Broadway.*
A. B., St. Francis Xavier's College, 1914.

ALEXANDER THOMAS ORMOND, JR. Grove City, Pa. 1821 *N. Bdway.*
A. B., Princeton University, 1912.

CHARLES EDWARDS PARSONS. Colorado Springs, Colo. 1604 *N. Bdway.*
A. B., Amherst College, 1913, and Colorado College, 1914.

JOHN RODMAN PAUL. Philadelphia, Pa. 21 *E. Mt. Vernon Pl.*
A. B., Princeton University, 1915.

DALTON GORDON PAXMAN. Hamilton, N. D. 1613 *E. Biddle St.*
A. B., University of North Dakota, 1914.

ANNA PLATT. Baltimore. 1109 *N. Charles St.*
A. B., Bryn Mawr College, 1909; Graduate Student, Johns Hopkins University, 1914-15.

ROBERT EMMET PURCELL. Shamokin, Pa. 1808 *N. Bdway.*
A. B., University of Michigan, 1915.

ANNE PERIL PURDY. Waterboro, Quebec. 111 *Jackson Pl.*
A. B., McGill University, 1915.

ARNOLD RICE RICH. Birmingham, Ala. 1614 *E. Biddle St.*
A. B. and A. M., University of Virginia, 1915.

WILLIAM FRANCIS RIENHOFF, JR. Springfield, Mo. 510 *N. Broadway.*
A. B., Cornell University, 1915.

GEORGE DAVIS ROWE. Fredericksburg, Va. 1028 *N. Bdway.*
A. B., Fredericksburg College, 1910; S. B., Wake Forest College, 1916; Medical Student, *ibid.*, 1914-1916.

BENJAMIN SACKS. Baltimore. 1707 *E. Fairmount Av.*
A. B., Johns Hopkins University, 1915.

IRWIN CLEMENT SCHUMACHER. Yuba City, Cal. 428 *N. Bdway.*
A. B., University of California, 1915.

ATALA THAYER SCUDDER. Brooklyn, N. Y. 1113 *N. Caroline St*
A. B., Bryn Mawr College, 1915.

GEORGE SALVADORE STEVENSON. Vineland, N. J. 1029 *N. Bdway.*
S. B., Bucknell University, 1915.

BESSIE TALBOT STRONGMAN. Brookline, Mass. 127 *Jackson Pl.*
S. B., University of Chicago, 1915.

FRANK CARLETON THOMAS. Roanoke, Va. 234 *Laurens St.*
A. B., Randolph-Macon College, 1915.

MADGE DEGROFFT THURLOW. Philadelphia, Pa. 1509 *E. North Av.*
A. B., Goucher College, 1914.

CLAUD IRVING UHLER. Baltimore. 605 *N. Carrollton Av.*
A. B., Johns Hopkins University, 1915.

ALLEN FISKE VOSHELL. Lutherville. 2102 *Eutaw Pl.*
A. B., Johns Hopkins University, 1915.

EMANUEL U. WALLERSTEIN. Richmond, Va. 1302 *N. Bdway.*
A. B., University of Virginia, 1914.

LESLIE TILLOTSON WEBSTER. Mt. Vernon, N. Y. 1611 *E. Biddle St.*
A. B., Amherst College, 1915.

GEORGE HUNTINGTON WILLIAMS. Baltimore. 803 *Cathedral St.*
A. B., Harvard University, 1915.

JUDSON THOMAS WILLIAMS. Colo. Springs, Colo. 806 *N. Broadway.*
A. B., Colorado College, 1915.

HENRY STUART WILLIS. High Point, N. C. 1209 *N. Broadway.*
A. B., University of North Carolina, 1914.

HENRY MORGAN WINANS. Denver, Colo. 907 *N. Broadway.*
A. B., Leland Stanford, Jr., University, 1916; Medical Student, *ibid.*, 1915-1916.

H. GARNER WRIGHT. Seattle, Wash. 606 *N. Broadway.*
S. B., University of Washington, 1913; Medical Student, Johns Hopkins University, 1914-1915.

MARK S. YOUNG. Allentown, Pa. 1029 *N. Bdway.*
S. B., Muhlenberg College, 1915.

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Third Year

CLEMENT HARRISSE ARNOLD. San Francisco, Cal. 614 *N. Bdway.*
A. B., Stanford University, 1910; Medical Student, *ibid.*, 1914-1916.

JOHN WARD BAYLOR. Wardell, Va. 606 *N. Bdway.*
A. B., Washington and Lee University, 1914.

HARRY EDWIN BLAIR. Hagerstown. 1529 *N. Bdway.*
A. B., Western Maryland College, 1914.

HERMAN JOHN BOLLINGER. Toledo, O. 1519 *N. Broadway.*
S. B., Heidelberg University (Ohio), 1914.

DAVID THOMAS BOWDEN, JR. Passaic, N. J. 1118 *Madison Av.*
A. B., Johns Hopkins University, 1914.

ALBERT HOWELL BREWSTER. Atlanta, Ga. 1254 *N. Bdway.*
A. B., University of Virginia, 1914.

FRIEDMANN HOLMES CATHRALL. West Pittston, Pa. 606 *N. Bdway.*
S. B., Bucknell University, 1914.

RICHARD GILMORE COBLENTZ. Baltimore. 410 *N. Calhoun St.*
A. B., Johns Hopkins University, 1914.

FRANK DAVIES CONROY. Collowhee, N. C. 606 *N. Bdway.*
A. B., University of North Carolina, 1914.

EDGAR MORTIMER DAY. Pittsburgh, Pa. 420 *N. Bdway.*
A. B., Princeton University, 1914.

JOHN LANAHAN DORSEY. Baltimore. 1107 *St. Paul St.*
A. B., Johns Hopkins University, 1914.

BEVERLY DOUGLAS. Nashville, Tenn. 1622 *E. Biddle St.*
Litt. B., Princeton University, 1914; Medical Student, Vanderbilt University, 1914-1916.

ETHEL COLLINS DUNHAM. Hartford, Conn. 105 *Jackson Pl.*
A. B., Bryn Mawr College, 1914.

MARTHA MAY ELIOT. Boston, Mass. 105 *Jackson Pl.*
A. B., Radcliffe College, 1913.

JOHN EDWARD ELMENDORF, JR. New Brunswick, N. J. 606 *N. Bdway.*
A. B., Rutgers College, 1914.

FREDERIC EUGENE BASIL FOLEY. St. Paul, Minn. 1316 *Eutaw Pl.*
Ph. B., Yale University, 1913.

LAWRENCE STOKES FULLER. Laurens, S. C. 512 *N. Broadway.*
S. B., University of South Carolina, 1914.

LESLIE TRACY GAGER. Norwich, Conn. 512 *N. Bdway.*
A. B., Yale University, 1914.

HILDEGARDE CATHERINE GERMANN. Quincy, Ill. 1711 *Fairmount Av.*
A. B., Vassar College, 1913.

LAWRENCE GETZ. Baltimore. 1111 *W. Lanvale St.*
A. B., Johns Hopkins University, 1914.

RALPH KALB GHORMLEY. Tacoma, Wash. 606 *N. Broadway.*
S. B., Whitworth College, 1914.

BLAINE RANDOLPH GOLDSBERRY. Athens, O. 1231 *N. Caroline St.*
S. B., Ohio University, 1914.

JOHN SUMMERFIELD GREEN, JR. Baltimore County. *Gittings.*
S. B., Lafayette College, 1914.

HARRY LAVERNE GRIFFITH. Columbus, O. 512 *N. Broadway.*
A. B., Ohio State University, 1914.

GARLAND MELVIN HARWOOD. Richmond, Va. 1021 *N. Bdway.*
A. B., Richmond College, 1914.

NATHAN BERNARD HERMAN. Baltimore. *Granada Apts.*
A. B., Johns Hopkins University, 1914.

ROLFE LOUIS HILLMAN. St. Paul, Va. 1228 *N. Eden St.*
A. B., Emory and Henry College, 1914.

ROYAL LEE HOBBS. Reisterstown. 1731 *N. Broadway.*
A. B., St. John's College, 1914.

ROBERT WRIGHT HOUSEAL. Newberry, S. C. 1612 *E. Biddle St.*
A. B., Newberry College, 1911; A. M., University of Virginia, 1913.

JOHN GARDINER HUCK. Baltimore. *Homewood Apts.*
A. B., Johns Hopkins University, 1913, and Graduate student, 1913-1914.

WALTER HUGHSON. Morganton, N. C. 510 *N. Bdway.*
S. B., Princeton University, 1914.

JOHN EDABDUEL HUISKAMP. Baltimore. 913 *N. Broadway.*
A. B., Harvard University, 1898; Columbia University, 1912-13.

S. LLOYD JOHNSON. Masontown, Pa. 1622 *E. Biddle St.*
A. B., Goshen College, 1914.

CARL FRED JORDAN. Burlington, Ia. 1328 *N. Caroline St.*
A. B., State University of Iowa, 1914.

JOHN ALBERT KEY. St. Petersburg, Fla. 606 *N. Bdway.*
S. B., Alabama Polytechnic Institute, 1913; Medical Student, Johns Hopkins University, 1913-1915.

LINWOOD DICKENS KEYSER. Roanoke, Va. 606 *N. Broadway.*
A. B., University of Virginia, 1914.

JOSEPH HIRAM KITE. Elkton, Va. 1201 *N. Caroline St.*
A. B., Randolph-Macon College, 1914.

JANINA CONSTANCE KLECAN. Portland, Ore. 529 *N. Wolfe St.*
Gymnasium Lemberg, Austria, 1903; Medical Student, Lemberg, Cracow University, 1904-1908; Vienna, Austria, 1910-1912.

AMOS RALPH KOONTZ. Stanley, Va. 1254 *N. Broadway.*
A. B., and S. B., College of William and Mary, 1910, and A. M., 1911.

LOUIS FREDERICK KRUMREIN. Baltimore. 722 *N. Kenwood Av.*
A. B., George Washington University, 1914.

CLIFFORD M. LANE. Washington, Pa. 518 *N. Bdway.*
A. B., Washington and Jefferson College, 1913.

CARLISLE SANFORD LENTZ. Omaha, Neb. 318 *N. Broadway.*
A. B., Creighton College, 1914.

CHARLES SUMNER LEVY. Baltimore. 2913 *O'Donnell St.*
A. B., Johns Hopkins University, 1914.

JENNINGS SIPE LINCOLN. Graham, Va. 518 *N. Broadway.*
A. B., Elon College, 1911; Graduate Student, Johns Hopkins University, 1913-1914.

EDWIN SCOTT LINTON. Washington, Pa. 518 *N. Bdway.*
A. B., Washington and Jefferson College, 1913.

ALBERT SMITH MCCOWAN. Lexington, Va. 518 *N. Broadway.*
A. B., Washington and Lee University, 1910.

WILLIAM FRANK MCFEE. Concord, Tenn. 1032 *N. Bdway.*
A. B., University of Tennessee, 1914.

JOSEPH WATSON MARTINDALE. Camden, N. J. 420 *N. Broadway.*
Ph. B., Yale University, 1913.

JOHN GASTON MATEER. Wooster, O. 518 *N. Broadway.*
A. B., University of Wooster, 1911.

WILLIAM FREDERICK MAYER. Johnstown, Pa. 510 *N. Broadway.*
A. B., Princeton University, 1914.

GILBERT EDISON MEEKINS. Cambridge. 1308 *N. Chester St.*
A. B., Washington College, 1913; Graduate Student, Johns Hopkins University, 1913-1914.

FRANK ROBERT MENAGH. Denison, Ia. 512 *N. Broadway.*
A. B., State University of Iowa, 1914.

EDITH S. MICHAEL. New York, N. Y. 145 *Jackson Pl.*
A. B., Lyceum Fliegelmann, Vienna, 1911; Graduate Student, Universities of Lausanne and Paris, 1912-1914.

JOHN CHALMERS MONTGOMERY. Coldwater, Mich. 810 *N. Bdway.*
A. B., University of Michigan, 1914 and A. M., 1915; Medical student, *ibid.*, 1913-1914.

HUGH JACKSON MORGAN. Nashville, Tenn. 1622 *E. Biddle St.*
S. B., Vanderbilt University, 1915; Medical Student, *ibid.*, 1914-1916.

ISRAEL WILLIAM NACHLAS. Baltimore. 22 *S. High St.*
A. B., Johns Hopkins University, 1914.

WILLIAM DOVE NOBLE. Preston. 1254 *N. Broadway.*
A. B., St. John's College, 1914.

ELLA OPPENHEIMER. Washington, D. C. 1113 *N. Caroline St.*
A. B., Bryn Mawr College, 1914.

KATHERINE PARDEE. New York, N. Y. 1713 *Fairmount Av.*
A. B., Wellesley College, 1912; Graduate Student, Cornell University, 1913-1914.

WILDER GRAVES PENFIELD. Hudson, Wis. 923 *N. Broadway.*
Litt. B., Princeton University, 1913; Medical Student, Harvard, Columbia, Oxford, London, Royal College of Surgeons, Edinburgh, 1914-1916.

DANIEL PHYTHYON. West Middlesex, Pa. 529 *N. Wolfe St.*
S. B., Westminster College (Pa.), 1914.

CLARENCE CHIPLEY PORTER. Baltimore. 2054 *Woodberry Av.*
A. B., Johns Hopkins University, 1914.

JOHN PAUL RANKIN. Elyria, O. 518 *N. Broadway.*
A. B., Ohio Wesleyan University, 1914.

CLARENCE ALBERT RANSOM. Washington, D. C. 420 *N. Bdway.*
S. B., Fargo College, 1914.

ELIZABETH MINTIE REESE. Gwynnbrook. *Gwynnbrook.*
A. B., Goucher College, 1908; Summer Courses, Johns Hopkins University, 1911 and 1912.

LYLE BARNES RICH. Willow City, N. Dak. 1613 *E. Biddle St.*
A. B., University of North Dakota, 1914.

INA MAY RICHTER. Santa Barbara, Cal. 1113 *N. Caroline St.*
A. B., Bryn Mawr College, 1908; Summer sessions, University of California, 1912 and 1913.

ROBERT ROSEN. Detroit, Mich. 1029 *N. Bdway*
S. B., Michigan Agricultural College, 1913.

EMMETT ORREN RUSHING. San Angelo, Tex. 420 *N. Bdway.*
A. B., University of Texas, 1913.

LOUIS SACHS. Baltimore. 1404 *E. Fayette St.*
A. B., Johns Hopkins University, 1914.

WILLIAM JUSTUS MERLE SCOTT. Cleveland, O. 1637 *Ashland Av.*
A. B., Oberlin College, 1914.

HAROLD CLINKSCALES SHIRLEY. Honea Path, S. C.
S. B., Military College of South Carolina, 1913; A. M., University of South Carolina, 1914. 1020 *N. Broadway.*

WOODRUFF SMITH. Baltimore. 6 *W. Read St.*
A. B., Williams College, 1914.

JOHN DEANE SOUTHWORTH. Glendale, O. 1119 *N. Caroline St.*
A. B., Kenyon College, 1911; Medical Student, Johns Hopkins University, 1911-1913.

EDWARD D. SPALDING. Detroit, Mich. 521 *N. Wolfe St.*
S. B., Princeton University, 1914.

HORACE GENTRY STEWART. Gallipolis, O. 503 *N. Wolfe St.*
S. B., Massachusetts Institute of Technology, 1914.

PHEBE STONE. New York, N. Y. 632 *N. Bdway.*
A. B., Goucher College, 1914.

ELMER RAYMOND STUMP. Atlanta, Ga. 606 *N. Broadway.*
A. B., University of Georgia, 1912.

RALPH EASTERDAY SWARTS. Arkansas City, Kans.
A. B., University of Kansas, 1914. 140 *Montebello Terr.*

KARL HART TANNENBAUM. Crawfordsville, Ind. 1626 *E. Biddle St.*
A. B., Wabash College, 1914.

VAN NOYES VERPLANCK. So. Manchester, Conn. 518 *N. Bdway.*
A. B., Yale University, 1914.

HARVEY BRYAN WADSWORTH. Cove City, N. C. 606 *N. Bdway.*
A. B., University of North Carolina, 1909; Medical Student, *ibid.*, 1914-16.

CHARLES EDWARD WAGNER. Lock Haven, Pa. 518 *N. Bdway.*
Ph. B., Dickinson College, 1914.

JAMES ALTO WARD. Hartford, Ala. 1519 *N. Bdway.*
A. B., Howard College, 1914.

LAWSON WILKINS. Baltimore. 6 *N. Broadway.*
A. B., Johns Hopkins University, 1914.

LEGRAND WOOLLEY. Salt Lake City, Utah. 1007 *E. Chase St.*
A. B., University of Utah, 1911; Medical Student, University of California, 1914-1916.

RODES ESTILL YAGER. Georgetown, Ky. 1626 *E. Biddle St.*
S. B., Georgetown College (Ky.), 1913.

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Fourth Year

JAMES BURNS AMBERSON, JR. Waynesboro, Pa.
Ph. B., Lafayette College, 1913. 1222 *N. Caroline St.*

JAMES KERR ANDERSON. Pittsburgh, Pa. 420 *N. Bdway.*
A. B., Washington and Jefferson College, 1913.

WALTER THOMAS ANDERSON. Washington, Pa. 420 *N. Bdway.*
A. B., Washington and Jefferson College, 1913.

JOHN HERMAN BAIRD. Newark, O. 1119 *N. Caroline St.*
A. B., Kenyon College, 1913.

HORACE MCMURRAN BANKS. Shepherdstown, W. Va.
A. B., Washington and Lee University, 1913. 1338 *N. Eden St.*

BURTON ELIAS BELCHER. St. Petersburg, Fla. 806 *N. Bdway.*
S. B., Florida State College, 1905.

WILLIAM CAMPBELL BLAKE. Birmingham, Ala. 1627 *N. Bdway.*
S. B., Howard College, 1913.

IRENE M. BLANCHARD. Normal, Ill. 1731 *Fairmount Av.*
A. B., University of Michigan, 1898.

LEO BRADY. Baltimore. 804 *St. Paul St.*
A. B., Johns Hopkins University, 1913.

*ROWLAND SILL BRIGGS. Sacramento, Cal. 716 *N. Bdway.*
S. B., University of California, 1913; Medical Department, *ibid.*, 1912-14.

WILLIAM LEWIS BROSIUS, JR. Gallatin, Mo. 420 *N. Bdway.*
A. B., University of Missouri, 1915; Medical student, *ibid.*, 1913-1915.

G. BEDFORD BROWN, JR. Georgetown, Ky. 518 *N. Bdway.*
S. B., Georgetown College, 1912, and Yale University, 1913.

HUGH MAX BULLARD. Newberry, Pa. 1029 *N. Bdway.*
S. B., Bucknell University, 1913.

CURLE LATIMER CALLANDER. Fargo, N. D. 520 *N. Broadway.*
A. B., Harvard University, 1913.

ALICE BERRY CARROLL. Columbus, O. 1739 *Fairmount Av.*
S. B., Ohio State University, 1911; Medical Dept., University of Wisconsin, 1912-1913.

JOHN MEYNARD CARTER. Columbia, Mo. 420 *N. Bdway.*
A. B., University of Missouri, 1914, and A. M., 1915; Medical student, *ibid.*, 1912-1915.

GEORGE ARTHUR CLARK. Holyoke, Mass. 518 *N. Bdway.*
S. B., Hamilton College, 1913.

HALLIE MARGUERITE CLARK. Roxbury, N. Y. 104 *Jackson Pl.*
S. B., Syracuse University, 1912.

HERMAN PORTER DAVIDSON. Lexington, Va. 923 *N. Broadway.*
A. B., Washington and Lee University, 1913.

WILBURT CORNELL DAVISON. Brooklyn, N. Y. 923 *N. Bdway.*
A. B., Princeton University, 1913, B. A., Oxon., 1915; B. Sc. Oxon. 1916; Medical Student, Oxford University, 1913-1916.

KARL HERMAN DOEGE. Marshfield, Wis. 518 *N. Bdway.*
S. B., University of Wisconsin, 1914, and Medical Department, 1912-1914.

HOWARD PHILIP DOUB. Beaver Creek. 606 *N. Broadway.*
A. B., Western Maryland College, 1913.

RAYMOND DURSTAN FEAR. Holland Patent, N. Y. 606 *N. Bdway.*
A. B., Hamilton College, 1913.

HUBERT WILLIAM FOWLE. Baltimore. 305 *N. Broadway.*
A. B., Williams College, 1910.

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* For one trimester only.

MORRIS FRISHMAN. Pittsburgh, Pa. 140 *N. Broadway.*
S. B., University of Pittsburgh, 1913.

HERMAN ANDERSON GAILEY. Cardiff. 1330 *N. Caroline St.*
A. B., St. John's College, 1913.

THOMAS OWEN GAMBLE. Jasper, Ala. 1627 *N. Broadway.*
S. B., University of Alabama, 1912.

LESLIE NEWTON GAY. Shamokin, Pa. 518 *N. Broadway.*
Ph. B., Lafayette College, 1913.

GORDAN LEWIS GROOVER, JR. Savannah, Ga. 512 *N. Bdway.*
A. B., Washington and Lee University, 1912; Graduate Student, Johns Hopkins University, 1912-13.

RUTH ALLINE GUY. New York, N. Y. 111 *Jackson Pl.*
A. B., Barnard College, 1912.

GEORGE EDWARD WEBB HARDY, JR. Baltimore. 1202 *N. Eden St.*
A. B., Johns Hopkins University, 1913.

FRANK WILBUR HARTMAN. Elliott, Ia. 520 *N. Broadway.*
A. B., Knox College, 1913.

*GEORGE WILLIAM HENRY. Oswego, N. Y. 1505 *N. Caroline St.*
A. B., Wesleyan University (Conn.), 1912.

ROBERT VAL HOFFMAN. Hagerstown. 512 *N. Broadway.*
A. B., St. John's College, 1913.

LESLIE BENJAMIN HOHMAN. Kansas City, Mo. 1026 *N. Bdway.*
A. B., University of Missouri, 1912; Graduate Student, University of Chicago, 1913.

SARAH ERNESTINE HOWARD. Boston, Mass. 111 *Jackson Pl.*
A. B., Wellesley College, 1911.

WADDIE PENNINGTON JACKSON. South Hill, Va. 512 *N. Bdway.*
A. B., Randolph-Macon College, 1910; Summer School, Columbia University, 1912.

LOUIS LLEWELLYN JACOBS. Norfolk, Va. 1823 *Madison Av.*
A. B., Johns Hopkins University, 1913.

JOHN HALL JANNEY, JR. Brookeville. 510 *N. Broadway.*
S. B., Earlham College, 1913.

ROBERT WILKINSON JOHNSON, JR. Baltimore. 101 *W. Franklin St.*
A. B., Princeton University, 1912.

JOSEPH W. KETZKY. Montgomery, Ala. 2115 *Callow Av.*
S. B., Alabama Polytechnic Institute, 1912.

MERLE WILLIAM KING. Baltimore. 1429 *E. Preston St.*
A. B., Allegheny College, 1908; Summer School, Cornell University, 1911, and Johns Hopkins University, 1913-1914.

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* For one trimester only.

JOHN CHRISTIAN KOCH. Athens, Ga. 817 *N. Lakewood Av.*
S. B., University of Georgia, 1904.

ALFRED C. KOLLS. La Crosse, Wis. 103 *W. Monument St.*
S. B., University of Wisconsin, 1914, and M. S., 1915; and Medical student, 1911-1914.

HARRY LINDEN. Baltimore. 423 *N. Broadway.*
A. B., Johns Hopkins University, 1912.

FREDERICK HAMILTON LINTHICUM. Baltimore. 4006 *Forest Av.*
A. B., Loyola College, 1912; Graduate Student, Johns Hopkins University, 1912-1913.

COEN L. LUCKETT. Terre Haute, Ind. 606 *N. Broadway.*
A. B., University of Illinois, 1914, and Medical Department, 1912-1914.

JAMES SHEARER MCCARTNEY, JR. Washington, Pa. 420 *N. Bdway.*
A. B., Washington and Jefferson College, 1913.

FREDERICK FRANCIS MCGAULEY. Schenectady, N. Y.
S. B., Union College, 1912. 1201 *N. Caroline St.*

CLAUDE VINCENT MCMEEN. Enola, Pa. 1338 *N. Eden St.*
Ph. B., Dickinson College, 1913.

MORLEY DANIEL MCNEAL. Cherokee, Ia. 1031 *N. Caroline St.*
A. B., State University of Iowa, 1913.

HUBERT MELVILLE MANN. Schenectady, N. Y. 1044 *N. Bdway.*
A. B., Union College, 1913.

ELI KENNERLY MARSHALL, JR. Baltimore. 33 *E. Mt. Vernon Pl.*
S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911.

KARL HENRY MARTZLOFF. Portland, Ore. 518 *N. Bdway.*
A. B., University of Oregon, 1913.

KATHARINE KROM MERRITT. Stamford, Conn. 111 *Jackson Pl.*
A. B., Vassar College, 1908.

GILBERT RICHARD MICKLETHWAITE. Portsmouth, O.
S. B., Ohio University, 1913. 1231 *N. Caroline St.*

FREDERICK A. MILLER. Hagerstown. 606 *N. Broadway.*
A. B., St. John's College, 1912.

THEODORE SIDNEY MOÏSE, JR. Savannah, Ga. 510 *N. Bdway.*
A. B., University of Georgia, 1913.

HUBERT MAURICE NICHOLSON. Muskogee, Okla. 806 *N. Bdway.*
S. B., University of Oklahoma, 1912; Medical Student, Johns Hopkins University, 1912-1914.

EDWARD NOVAK. Baltimore. 2003 *Jefferson St.*
A. B., Johns Hopkins University, 1913.

LOUIS ERNEST PAYNE, JR. Leonardtown. 1505 *N. Caroline St.*
A. B., St. John's College, 1912.

DeLos Schuyler Pulford, Jr. Tacoma, Wash. 510 *N. Bdway.*
S. B., Trinity College (Conn.), 1912.

Ralph Louis Reber. Reading, Pa. 1611 *E. Biddle St.*
Ph. B., Franklin and Marshall College, 1913.

John L. Rice. New Haven, Conn. 529 *N. Wolfe St.*
S. B., Wesleyan University (Conn.), 1912.

Irl Cephas Riggin. Windsor, Va. 420 *N. Broadway.*
A. B., Western Maryland College, 1913.

Bertram Julian Sanger. Waco, Tex. 1201 *N. Caroline St.*
A. B., University of Texas, 1913.

Edwin William Schultz. Lomira, Wis. *Granada Apts.*
S. B., Winona College of Agriculture, 1913; A. B., University of Michigan, 1914, and Medical Department, 1913-14.

Robert G. Sharp. Chula Vista, Cal. 812 *N. Bdway.*
S. B., University of California, 1911, M. S., 1913, Ph. D., 1914, and Medical Student, 1911-14; University of Utah, 1914-15.

Joseph Pardoe Shearer. Milton, Pa. 420 *N. Broadway.*
S. B., Bucknell University, 1913.

James Winn Sherrill. Temple, Tex. 606 *N. Broadway.*
A. B., Baylor University, 1913.

George Marsden Shipton. Pittsfield, Mass. 518 *N. Broadway.*
A. B., Williams College, 1913.

David Nathaniel Shulman. Baltimore. 1801 *N. Fulton Av.*
A. B., Johns Hopkins University, 1913.

Eben Elliott Smith. Dillsboro, Ind. 1637 *Ashland Av.*
S. B., Moore's Hill College, 1913.

Merrill Clary Sosman. Chillicothe, O. 529 *N. Wolfe St.*
A. B., University of Wisconsin, 1913.

Richard Henry Staehle. Newark, N. J. 1201 *N. Caroline St.*
S. B., Princeton University, 1913.

Frank Williams John Stafford. Detroit, Mich. 420 *N. Bdway.*
A. B., University of Michigan, 1914; Medical Student, *Ibid.*, 1913-1915.

Robert Bond Stewart. Toronto, Ont. 1412 *N. Eden St.*
A. B., University of Toronto, 1905, A. M., 1906, and B. Sc., 1909.

John Louis Stifel. Pittsburgh, Pa. 518 *N. Broadway.*
A. B., Harvard University, 1913.

Cyrus Cressy Sturgis. Pendleton, Ore. 3209 *N. Charles St.*
S. B., University of Washington, 1913.

William Shakespeare Summers. Columbia, Mo. 420 *N. Bdway.*
A. B. and S. B., University of Missouri, 1914, A. M., 1915, and Medical Student, 1912-14.

MARK HOPKINS TIBBETTS. Shirland, Ill. 1637 *Ashland Av.*
S. B., Parsons College, 1912.

WILLIAM SMITH TILLETT. Charlotte, N. C. 428 *N. Bdway.*
A. B., University of North Carolina, 1913.

MAX TISCHLER. Wilkes-Barre, Pa. 1613 *E. Biddle St.*
Ph. B., Lafayette College, 1913.

NIALL FRANKLIN TWIGG. Cumberland. 1330 *N. Caroline St.*
A. B., St. John's College, 1913.

MARGARET TYLER. Newton Centre, Mass. 511 *N. Wolfe St.*
A. B., Mt. Holyoke College, 1913.

HOBART SANFORD VAN NOSTRAND. Little Neck, N. Y. 518 *N. Bdway.*
S. B., Colgate University, 1913.

ISABEL MARY WASON. Lowell, Ind. 111 *Jackson Pl.*
A. B., The Western College for Women, 1911.

ROBERT ALEXANDER WEBB, JR. Louisville, Ky. 512 *N. Broadway.*
A. B., Southwestern Presbyterian University, 1910; Graduate Student, Johns Hopkins University, 1910-1913.

JOHN BONAR WHITE. Abbeville, S. C. 518 *N. Bdway.*
A. B., Davidson College, 1910.

GEORGE RICHARD WILKINSON. Baltimore. 518 *N. Broadway.*
S. B., Davidson College, 1912.

FRANK DALLAM WORTHINGTON. Bel Air. 510 *N. Broadway.*
A. B., Princeton University, 1913.

MARY WRIGHT. Great Barrington, Mass. 511 *N. Wolfe St.*
A. B., Vassar College, 1911.

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SUMMARY

First year	90
Second year	90
Third year	87
Fourth year	92
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Geographical Distribution of Students Enrolled and Their Places of Graduation

Alabama	6	New Jersey	8
Arkansas	1	New Mexico	1
California	7	New York	28
Colorado	5	North Carolina	7
Connecticut	10	North Dakota	6
District of Columbia	2	Ohio	23
Florida	3	Oklahoma	1
Georgia	11	Oregon	4
Illinois	4	Pennsylvania	37
Indiana	10	Rhode Island	4
Iowa	6	South Carolina	6
Kansas	1	Tennessee	6
Kentucky	8	Texas	7
Louisiana	1	Utah	1
Maine	2	Virginia	27
Maryland (Baltimore, 48)	74	Washington	4
Massachusetts	12	West Virginia	3
Michigan	6	Wisconsin	5
Minnesota	1		
Missouri	5	*Foreign*	
Montana	1	Canada	3
Nebraska	2		

Alabama Polytechnic Inst.	2	California, University of	3
Alabama, University of	2	Catholic Univ. of America	1
Albright College	1	Chicago, University of	1
Allegheny College	1	Clark College	1
Amherst College	2	Colgate University	1
Arkansas, University of	1	College of City of N. Y.	1
Barnard College	1	Colorado College	1
Bates College	1	Columbia University	1
Baylor University	1	Cornell University	5
Bowdoin College	1	Creighton University	1
Brown University	4	Davidson College	5
Bryn Mawr College	6	Denison University	1
Bucknell University	4	De Pauw University	2

Dickinson College	3
Earlham College	2
Elon College	1
Emory University	4
Emory and Henry College	2
Fargo College	2
Florida State College	1
Franklin and Marshall Coll.	4
Georgetown College (Ky.)	3
Georgia, University of	6
George Washington Univ.	1
Goshen College	1
Goucher College	5
Grinnell College	2
Hamilton College	2
Hampden-Sidney Coll	2
Harvard University	8
Haverford College	1
Heidelberg Univ. (O.)	1
Hobart College	1
Howard College	2
Illinois, University of	1
Indiana University	1
Iowa, University of	4
Johns Hopkins University	33
Kansas, University of	1
Kentucky Univ. of	2
Kenyon College	2
Knox College	1
Lafayette College	5
Lausanne, University of	1
Lebanon Valley College	1
Leland Stanford Jr. Univ.	2
Lemberg Gymnasium	1
Louisiana State University	1
Loyola College	2
McGill University	2
Marietta College	1
Mass. Inst. of Technology	2
Miami University	1
Michigan, University of	8
Michigan Agric. Coll	1
Missouri, University of	4
Moore's Hill College	1
Muhlenberg College	2
Mt. Holyoke College	1
Nebraska, University of	1
North Carolina, Univ. of	4
North Dakota, Univ. of	2
Oberlin College	3
Occidental College	1
Ohio State University	2
Ohio University	4
Oklahoma, University of	1
Oregon, University of	2
Parson's College (Ia.)	1
Pennsylvania College	1
Pennsylvania, University of	1
Pittsburgh, University of	2
Pomona College	1
Princeton University	19
Radcliffe College	1
Randolph-Macon College	6
Richmond College	3
Roanoke College	2
Rochester Univ	2
Rock Hill College	1
Rutgers College	1
Simmons College	1
Smith College	1
South Carolina, Univ. of	3
Southw'tn Presbyterian Univ.	1
Southwestern Univ	1
St. Francis Xavier College	1
St. John's Coll. (Annapolis)	9
Syracuse University	1
Tennessee, University of	2
Texas, University of	5
Toronto, University of	1
Trinity College (Conn.)	2
Union College	2
Utah, University of	1
Vanderbilt University	1
Vassar College	9
Virginia, University of	7
Wabash College	3
Wake Forest College	1
Washington, University of	3

Washington College	1
Washington & Jefferson Coll.	6
Washington and Lee Univ.	5
Wellesley College	4
Wesleyan Univ. (Conn.)	2
Wesleyan Univ. (Ky.)	1
Wesleyan Univ. (Ohio)	3
Wesleyan Univ. (W. Va.)	1
Western College for Women	1
Western Maryland College	5
Westminster College (Pa.)	2
West Virginia University	1
Whitworth College	1
William and Mary, Coll. of	1
Williams College	6
Wisconsin, University of	5
Wittenberg College	1
Wooster, University of	1
Yale University	9

PHYSICIANS ATTENDING GRADUATE COURSES DURING 1915-1916

WILLIAM F. ADAMS. Mercersburg, Pa.
M. D., University of Toronto, 1902. *Medicine.*

ROBERT G. BLAINE. Washington, D. C.
M. D., Georgetown University, 1907. *Gastro-Intestinal Diseases.*

ELEANOR T. CALVERLEY. York, Pa.
M. D., Woman's Medical College (Phila.), 1908. *Medicine and Pediatrics.*

FRANCIS L. DUNHAM. Boston, Mass.
A. B., University of Vermont, 1894, and M. D., 1897; A. M., Clark University, 1915. *Psychiatry.*

HENRY HAYES. Washington, D. C.
M. D., Georgetown University, 1889. *Gastro-Intestinal Diseases.*

GEORGE R. IRVING. Dunkirk, N. Y.
M. D., University of Michigan, 1912. *Urology.*

WALTER W. JONES. Jordan Valley, Ore.
M. D., State University of Iowa, 1903. *Medicine.*

PETER CHING KIANG. Hankow, China.
M. D., University of Pennsylvania, 1915. *Pediatrics and Pharmacology.*

THOMAS L. LONG. Cherokee, Ia.
M. D., University of Iowa, 1905. *Psychiatry.*

W. BOYKIN LYLES. Spartanburg, S. C.
M. D., Medical College of Virginia (Richmond), 1904. *Urology and X-Ray.*

LEWIS MICHELSON. San Francisco, Cal.
M. D., Cooper Medical College, 1907. *Urology.*

WILLIAM C. MOORE. Washington, D. C.
M. D., University of Virginia, 1902. *Medicine.*

GEORGE NATHANSON. Sydney, N. S.
M. D., Bellevue Hospital Medical College, 1914. *Medicine, Gastro-Intestinal Diseases, Pediatrics, X-Ray, Nose and Throat.*

JOHN W. PRESTON. Roanoke, Va.
M. D., College of Physicians and Surgeons (Balt.), 1893. *Medicine and Gastro-Intestinal Diseases.*

JOSEPH J. REILLY. St. Louis, Mo.
M. D., St. Louis University, 1912. *X-Ray Diagnosis.*

SOLOMON REINA. Baltimore.
M. D., College of Physicians and Surgeons (Balt.), 1913. *Pathology.*

HARRY R. SCHREIBER. Washington, D. C.
M. D., Georgetown University, 1907. *Pediatrics and Medicine.*

JOSEPH SCHWARZ. Mobile, Ala.
M. D., Tulane University, 1901. *Gastro-Intestinal Diseases.*

ISAAC G. SHIRKEY. Charleston, W. Va.
M. D., College of Physicians and Surgeons (Balt.), 1914. *Medicine.*

JOHN A. SNELL. Soochow, China.
M. D., Vanderbilt University, 1908. *X-Ray Diagnosis.*

MARY STONE. China.
M. D., University of Michigan, 1896. *Medicine.*

WILLIAM E. THOMPSON. Chillicothe, Mo.
M. D., Barnes University (St. Louis), 1905. *Gastro-Intestinal Diseases and Tuberculosis.*

M. KEMPER WILLOUGHBY. Geneva, N. Y.
M. D., Baltimore Medical College, 1901. *Gastro-Intestinal Diseases.*

CHARLES E. WOODING. Winston-Salem, N. C.
M. D., University of Virginia, 1905. *X-Ray Diagnosis.*

WALTER J. WRIGHT. Ypsilanti, Mich.
M. D., University of Michigan, 1898. *Pediatrics and Gastro-Intestinal Diseases.*

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PHYSICIANS ATTENDING SUMMER COURSES, 1916

SAMUEL H. ALLEN. Salt Lake City, Utah.
M. D., College of Physicians and Surgeons (Balto.), 1890. *Full Course.*

GEORGE W. ANGLIN. Warsaw, Ind.
M. D., Northwestern University, 1905. *Full Course.*

WILLIAM G. ATWOOD. Carrolton, Md.
M. D., Washington University (St. Louis), 1911. *Full Course.*

FRANK J. AYD. Baltimore, Md.
M. D., College of Physicians and Surgeons (Balto.), 1914. *Pediatrics.*

JANE NORTH BALDWIN. Rutland, Va.
M. D., Cornell University Medical School, 1900. *Full Course.*

LENA A. BENJAMIN. Bradford, Pa.
M. D., University of Michigan, 1899. *Full Course.*

GORDON BENSON. Richland Center, Wis.
M. D., Rush Medical College, 1904. *Full Course.*

ELMER G. BRADDOCK. Lewiston, Idaho.
M. D., College of Physicians and Surgeons (Balto.), 1909. *Gynecology.*

OSCAR C. CARSSON. Lewiston, Idaho.
M. D., St. Louis University, 1908. *Urology.*

H. SPURGEON CHERRY. Center Hill, Fla.
M. D., University of Alabama, 1908. *Full Course.*

JOHN F. COURTNEY. Lockport, Ill.
M. D., Hahnemann Medical School (Chicago), 1894. *Full Course.*

ERLE O. DANIELS. Marion, Ind.
M. D., Indiana University, 1906. *Full Course.*

ERNEST E. DAVIS. Avon, Ill.
M. D., Northwestern University Medical School, 1900. *Full Course.*

MICHAEL P. DE BOE. Cocoa, Fla.
M. D., University College of Medicine (Richmond), 1908. *Nose and Throat.*

J. MAXEY DELL. Gainesville, Fla.
M. D., Emory University, 1902. *Pediatrics.*

LOUIS S. DUNN. Chester, Pa.
M. D., Medical and Chirurgical College (Phila.), 1907. *Full Course.*

FRANKLIN H. ERB. Baltimore, Md.
M. D., Southern Homeopathic Medical College, 1902. *Urology.*

MAUDE L. ETHEREDGE. Meridian, Minn.
M. D., Loyola University (Chicago), 1911. *Full Course.*

RUPERT H. FIKE. Spartanburg, S. C.
M. D., Lincoln Memorial University (Tenn.), 1912. *X-Ray Diagnosis.*

JOHN N. GEIGER. LaSalle, Ill.
M. D., Loyola University, 1914. *Full Course.*

WILLIAM D. HADEN. Charlottesville, Va.
M. D., University of Virginia, 1910. *Urology.*

JOHN A. HEMBREE. Danville, Ga.
M. D., Georgia College of Electic Medicine and Surgery, 1905. *Pediatrics.*

JOHN W. HERMETET. Macomb, Ill.
M. D., Hahnemann Medical College, 1896. *Surgical Course.*

FREDERICK E. HESSER. Baltimore, Md.
M. D., Southern Homeopathic Medical College, 1904. *Pediatrics.*

J. HARRISON HODGES. Gainesville, Fla.
M. D., College of Physicians and Surgeons (Balto.), 1888. *Nose and Throat.*

CHARLES E. HYDE. Southport, Conn.
M. D., Yale Medical College, 1910. *Full Course.*

RAYMOND D. JAMIESON. La Crosse, Wis.
M. D., Marquette University, 1913. *X-Ray Diagnosis.*

HARRY G. JONES. Baltimore, Md.
M. D., Southern Homeopathic Medical College, 1905. *Percussion and Auscultation.*

ERNEST L. KALBFLEISCH. Newton, Kan.
S. B., University of St. Louis, 1912; M. D., Columbia University (N. Y.), 1916. *Surgical Course.*

HARRY S. KEISTER. Monongah, W. Va.
M. D., Chicago College of Medicine and Surgery, 1911. *Full Course.*

MARION A. KIRKLIN. River Falls, Ala.
M. D., University of Alabama, 1913. *Full Course.*

PAUL M. KRALL. Kansas City, Mo.
M. D., St. Louis University, 1912. *Medicine.*

CLAUDE M. LEE. Charlottesville, Va.
M. D., University of Virginia, 1905. *Full Course.*

THOMAS L. LONG. Cherokee, Ia.
M. D., University of Iowa, 1905. *Full Course.*

WILLIAM B. MACCRACKEN. Berkeley, Cal.
M. D., University of Bellevue Medical College (N. Y.), 1893. *Full Course.*

HUGO MELLA. Bismark, N. D.
M. D., University of Georgia, 1913. *Nose and Throat.*

LEWIS MICHELSON. San Francisco, Cal.
M. D., Cooper Medical College, 1907. *Rectal Diseases.*

FRANK F. MOORE. Lucernemine, Pa.
M. D., Medical and Chirurgical College (Phila.), 1903. *Full Course.*

NOLIE MUMEY. Little Rock, Ark.
M. D., University of Arkansas, 1916. *Gynecology.*

JOHN H. MURPHY. Geneseo, Ill.
M. D., Northwestern University, 1906. *Full Course.*

GEORGE PARKE. Sylvan, Wis.
M. D., College of Physicians and Surgeons (Chicago), 1905. *Medicine and Pediatrics.*

LLEWELLYN POWELL. Alexandria, Va.
M. D., Columbian University, 1904. *Pediatrics.*

MILLARD R. RICE. Omaha, Neb.
M. D., Creighton Medical College, 1909. *Full Course.*

ALBERT H. ROSS. Lebanon, Ore.
M. D., University of Pennsylvania, 1911. *Full Course.*

WINNIE M. SANGER. Oklahoma City, Okla.
M. D., University of Kansas, 1904. *Full Course.*

JAMES C. SARGENT. Cincinnati, O.
M. D., Ohio State University, 1915. *Urology.*

JOHN M. STANLEY. Macon, Miss.
M. D., Louisville Medical College, 1906. *Full Course.*

JAMES A. TAGGERT. Salamanca, N. Y.
M. D., University of Buffalo, 1896. *Metabolism, Gynecology I* and *Serology.*

FRANCIS M. THORNHILL. Arcadia, La.
M. D., Tulane University, 1892. *Full Course.*

JOHN M. TRACH. Farmington, W. Va.
M. D., Illinois Medical College (Chicago), 1900. *Full Course.*

JOHN DAVID VERNER. Walhalla, S. C.
M. D., Atlanta Medical College, 1915. *Urology.*

CHARLES H. VROOMAN. King Edward Sanitorium, B. C.
M. D. C. M., Manitoba University, 1901. *Medical and Clinical Microscopy.*

MARSHALL WALLIS. Normal, Ill.
M. D., Washington University Medical School, 1906. *Full Course.*

FRED. S. WATSON. Amity, Ark.
M. D., University of Arkansas, 1915. *Full Course.*

RUPERT K. WELLIVER. Dayton, O.
M. D., University of Michigan, 1908. *Full Course.*

CLARENCE M. WILLIAMS. Alpena, Mich.
M. D., University of Michigan, 1901. *Full Course.*

M. KEMPER WILLOUGHBY. Geneva, N. Y.
M. D., Baltimore Medical College, 1901. *Medicine.*

CLYDE WILSON. Emporia, Kan.
M. D., University of Louisville, 1910. *Full Course.*

AMELIA ZIMMERMAN. Baltimore, Md.
M. D., Southern Homeopathic Medical School, 1895. *Obstetrics.*

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REGISTER OF GRADUATES OF THE MEDICAL DEPARTMENT OF THE JOHNS HOPKINS UNIVERSITY

A—List of Doctors of Medicine of the Johns Hopkins University

B—Places of residence of the Medical Graduates of the Johns Hopkins University

C—Publications of the Instructors and Graduates of the Medical Department of the Johns Hopkins University

DOCTORS OF MEDICINE OF THE JOHNS HOPKINS UNIVERSITY

When no institution is mentioned, the degree or position refers to the Johns Hopkins University or the Johns Hopkins Hospital. *Deceased. R. H. O.=Resident House Officer.

Students receiving degrees at other times than the Commencement in June are placed in a separate group at the end of each class list.

ALUMNI ASSOCIATION

On May 6th, 1910, the Johns Hopkins Medical School Alumni Association was organized for the purpose of preserving and fostering the devotion of the alumni to their alma mater. Two successful reunions have been held. It is intended that these gatherings be in Baltimore every three years, in connection with the sessions, in Washington, of the Congress of American Physicians and Surgeons, or at such times as the Executive Committee shall designate. The present officers are: President, Thomas R. Brown, '97, of Baltimore; Secretary, Walter R. Steiner, '98, 4 Trinity St., Hartford, Conn.; Treasurer, J. Albert Chatard, '03, of Baltimore; Executive Committee, Charles R. Bardeen, '97, of Madison; William G. MacCallum, '97, of New York; Henry A. Christian, '00, of Boston; Rufus I. Cole, '99, of New York, and Albion W. Hewlett, '00, of San Francisco.

The name of each *Class Secretary* is placed at the foot of his class list.

1897

Bardeen, Charles Russell—A. B. Harvard 1892; Asst. Assoc. and Assoc. Prof. of Anat. 1897-04.—Prof. of Anat. and Dean Med. Sch. Univ. of Wisc. Madison.

Brown, Thomas Richardson—A. B. 1892; R. H. O. 1897-98; Asst. Phys. and Assoc. in Med. 1898-14.—Assoc. Ed. Maryland Med. Jour.; Assoc. in Clin. Med. and Phys. in Chg. Gastro-Intest. Diseases; Physician, Baltimore.

***Davis, Walter S.**—S. B. Amherst 1893; R. H. O. 1897-98.

Hamburger, Louis Philip—A. B. 1893; R. H. O. 1897-98; Assoc. and Phys. in Chg. Med. Clinic J. H. Disp. 1898-14. Attend. Phys. U. P. I., Hosp. for Women of Md., Church Home and Infirmary, Children's Convales. Home; and Assoc. in Clin. Med. and Dispen. Phys. and Physician, Baltimore.

Hunner, Guy LeRoy—S. B. Wisconsin 1893; R. H. O., Asst. Res. and Res. Gynecol. and Instr. 1897-02.—Assoc. in Clin. Gynecol. and Asst. Visit. Gynecol. Physician, Baltimore.

Lyon, Irving Phillips—A. B. Yale 1893; R. H. O. 1897-98.—Asst. Prof. Clin. Med. and Librarian Univ. Buffalo; Asst. Attend. Phys. Buffalo Gen'l Hosp. and Physician, Buffalo, N. Y.

MacCallum, William George—A. B. Toronto 1894; R. H. O., Res. Bac. and Asst. Res. Pathol. 1897-00; Assoc. Prof. Pathol. 1900-08; Prof. Path. Physiol., Lec. in Forensic Med. 1908-09 and Res. Path. 1900-09.—Visit. Pathol. Presbyterian Hosp. and Prof. Pathol. Columbia, N. Y.

McBryde, Charles Neil—S. B. South Carolina 1891; M. S. Va. Polytech. Inst. 1892; Ph. D. George Washington 1911.—Sr. Bacteriol. Dept. of Agriculture, Washington, D. C.

Mitchell, James Farnandis—A. B. 1891; R. H. O., Asst. Res. and Res. Surg. and Instr. in Surgery 1897-02.—Surg. Providence Hosp. and Surgeon, Washington, D. C.

Nichols, Joseph Longworth—A. B. Harvard 1893; Fellow in Pathol. 1897-98; Student, Berlin 1898-99.—Asst. in Lab. Saranac Lake, N. Y.

Opie, Eugene Lindsay—A. B. 1893; R. H. O., Fellow, Asst. Instr. and Assoc. in Path. 1897-04; Mem. Rockefeller Institute for Med. Research, N. Y.; Pathol. Presbyterian Hosp.; Co-editor Jour. Exp. Med. N. Y. 1904-10; Dean, Washington Univ. Med. Sch. 1912-15.—Prof. of Pathol. Washington Univ. Med. Sch. St. Louis.

Packard, Mary Secord—A. B. Vassar 1892; Harvard Summer Sch. 1893; R. H. O. 1897-98; Physician Kingsley House (Coll. Settlement), Pittsburgh 1898-00; Pathol. New Eng. Hosp. Boston 1902-03.—Centredale, R. I.

Pancoast, Omar Borton—S. B. Swarthmore 1893; R. H. O. 1897-98; Res. Surg. Union Prot. Infirmary 1898-00.—Dispen. Surg. and Instr. in Clin. Surg.; Surgeon Baltimore.

Penrose, Clement Andariese—A. B. 1893; R. H. O. 1897-98.—Member Visit. Staff Church Home and Infirmary, and Physician, Baltimore.

Strong, Richard Pearson—Ph. B. Yale 1893, (Hon.) Sc. D. 1914; (Hon.) Sc. D., Harvard, 1916. R. H. O. 1897-98;

Asst. Surg. U. S. Army, in charge Army Path. Lab. Manila, 1899-01; Chief Gov't Biol. Lab'y, U. S. A. Phys. in Chief, Philippine Gen'l Hosp. and Prof. Tropical Med. The Philippine Med. Sch. Manila, 1901-13.—Prof. Tropical Med. and Chief of Dept. Harvard Med. Sch. Boston. (15)

Class Secretary — Louis P. Hamburger, 1207 Eutaw Pl., Baltimore.

1898

Baer, William Stevenson—A. B. 1894; R. H. O. and Asst. Res. Surg. 1898-00; Asst. Inst. and Assoc. in Orthoped. Surg. 1900-10. — Visit. Orthoped. Surg. Cambridge Hosp., Union Prot. Infirmary, Church Home, Robt. Garrett Hosp. for Children and Home for Incurables; Surg. in Chg. Ortho. Disp. and Assoc. Prof. Clin. Ortho. Surg.; Member Alumni Council.

Calvert, William Jephtha—A. B. Kentucky 1893; 1st Lieut. and Asst. Surg. U. S. A. Fort McHenry 1898-02; Lect. Trop. Diseases, Washington Univ. St. Louis 1902-03; Prof. Phys. Diag. and Clin. Pathol. Univ. of Missouri 1903-09; Baylor Univ. Dallas, Texas 1910-11; Prof. Prevent. Med. Univ. of Mo. Columbia 1911-14.—Prof. Clin. Med. Baylor Univ. and Physician, Dallas, Tex.

Cassidy, Patrick Joseph — A. B. Yale 1894; Asst. Res. Phys. Backus Hosp. 1898-99; Visit. Surg. Harris Mem. Hosp. 1899-06.—Visit. Pathol. and Surg. Backus Mem. Hosp.; Councilor Conn. State Med. Assn. and Physician, Norwich, Conn.

***Coe, John Williams**—Ph. B. Yale 1893; Senior Asst. House Staff Presbyterian Hosp. N. Y. 1898-1899, and Res. Phys. 1899-00.—Asst. Clin. Pathol. Cornell Univ. and Physician, N. Y. (Died at New York, March 6, 1911.)

Dawson, Percy Millard — A. B. 1894; Fellow, Asst. Instr. Assoc. and Assoc. Prof. of Phys. 1898-09; Spec. Student, Harvard Div. Sch. Cambridge, Mass. 1909-10; Minister 1st Unitarian Church, Ann Arbor, Mich. 1910-12.—Asst. Prof. of Physiol. Univ. of Wis. Madison.

Elting, Arthur Wells—A. B. Yale 1894; R. H. O. 1898-99; Asst. in Pathol. Albany Med. Sch. 1899-00.—Surg. Child's Hosp., Albany Hosp., St. Peter's Hosp.; Prof. of Surg. Albany Med. Sch. Surgeon, Albany, N. Y.

Ford, William Webber—A. B. West'n Reserve, 1893; D. P. H. McGill 1900; R. H. O. 1898-99; Fellow, Pathol., McGill. Univ. 1899-01; Fellow, Rockefeller Inst. for Med. Research, Inst. for Infect. Dis. Berlin 1901-02, and J. H. U. 1902-03; Instr. and Assoc. in Bacteriol. 1903-06.—Assoc. Prof. of Hyg. and Bacteriol. and Lect. in Legal Medicine.

Hastings, Thomas Wood—A. B. 1894; R. H. O. 1898-99; Surg. Hospital Ship "Maine" 1899-00.—Prof. Clin. Pathol. Cornell Univ. Med. Coll.; Asst. Attend. Phys. Bellevue Hosp.; Physician, N. Y.

Herrick, Alfred Birch—A. B. Williams 1894; R. H. O. 1898-99; Res. Phys. National Soldiers Home 1899-00; Res. Surg. Barnes Hosp. Washington, D. C. 1900-04; Chief Surg. Clinic, Ancon Hosp. C. Z. 1904-15.—Surg. Hosp. de Panama.

Knox, James Hall Mason, Jr. — A. B. Yale 1892, and Ph. D. 1894, A. M. Lafayette 1896; R. H. O., Asst and Instr. in Ped. 1898-09.—Asst. Visit. Pediatrician, Dispen. Phys. and Assoc. in Clin. Ped.; Phys. in Charge, The Thomas Wilson Sanitarium; Med. Direct. Babies Milk Fund Assn. and Physician, Baltimore; Member Alumni Council.

Langfeld, Millard—A. B. 1893. — Prof. Clin. Med. Creighton Med. Coll.; Bacteriol. Omaha City B'd Health; Phys. St. Joseph's and Contagious Hospitals; Member Omaha Milk Com.; Physician, Omaha, Neb.

Light, Gertrude Underhill—S. B. Wisconsin 1894; Phys. Randall's Island Hosp. for Children N. Y. 1898-99; Dmnstr. Pathol. Wisconsin Coll. of P. and S. 1899-00; Clinical Asst. Bellevue Hosp. Disp. 1900-02.—Sanitary Inspec. Tenement House Dept. Physician, The Cosmopolitan Club, New York.

Madison, James Daniel—S. B. Wisconsin 1894; R. H. O. 1898-99; Asst. Res. Phys. Danvers Insane Hosp. Mass. 1899-02. — Visit. Phys. Milwaukee Hosp. Johnson Emerg. and County Hospitals, Assoc. Prof. Clin. Med. Marquette Univ. Med. Sch. and Physician, Milwaukee.

Marshall, Harry Taylor — A. B. 1894; R. H. O. 1898-99; Fellow 1899-00; Asst. Res. Pathol. and Instr. in Pediatrics 1900-06; Pathol. Bureau of Science, and Prof. Pathol. and Bacteriol. Sec. and Registrar, The Philippine Med. Sch. Manila 1906-08.—Mbr. Tuber. Comm.; Prof. Pathol. and Bacteriol. Univ. of Va. Charlottesville.

Perkins, Roger Griswold—A. B. Union 1893, and Harvard 1894; Res. Pathol. Lakeside Hosp. Cleveland 1898-01; Lect. in Bacteriol. West. Reserve Med. Sch. Cleveland 1901-04; Asst. and Assoc. Prof. of Pathol. and Bacteriol. 1904-10.—Prof. of Hygiene and Preventive Med.; Chief Lab. Div. Health, Dept. Pub. Welfare, Cleveland.

Porter, Katherine — A. B. Bryn Mawr 1894; House Phys. and Asst. Surg.

N. Y. Infirmary for Women and Children 1898-04; Externe Orange Mem. Hosp. Disp. 1900-07; Phys. Children's Aid and Protective Society of the Oranges 1899-15; Med. Insp. Orange Pubilc Schools, 1909-15.—c|o Internat. Bank. Co-op'n, Peking, China.

Pratt, Joseph Hersey — Ph. B. Yale 1894; A. M. Harvard 1901; Asst. Pathol. City Hosp. Boston 1898-00; Instr. Pathol. Harvard; Asst. Visit. Pathol. City Hosp. and Asst. Pathol. Children's Hosp. Boston 1900-02.—Instr. in Med. Harvard; Asst. Visit. Phys. Mass. Gen'l Hosp. Boston; Consult. Phys. Brockton Hosp. and Rufus S. Frost Hosp. of Chelsea; Phys. Boston; Member Alumni Council.

Sands, Georgiana—A. B. Vassar 1893; Grad. Student, Barnard 1893-94; R. H. O. 1898-99—Physician, Port Chester, N. Y.

Schenck, Benjamin Robinson—A. B. Williams 1894; R. H. O., Asst. Res. and Res. Gynecol. and Instr. 1898-03.—Assoc. Prof. Gynecol. Detroit Coll. Med. and Surg.; Gynecol. Harper Hosp.; Consult. Obstet. Woman's Hosp. and Physician, Detroit.

Steiner, Walter Ralph—A. B. Yale 1892, and A. M. 1895; Grad. Student 1892-94; R. H. O. 1898-99; Asst. Visit. Phys. Hartford Hosp. Conn. 1905-07, Pathol. and Bacteriol. 1901-12; Sec. Conn. State Med. Soc. 1905-12.—Consult. Pathol. and Bacteriol. and Visit. Phys. Hartford Hosp.; Consult. Phys. Middlesex Hosp. and Hartford Orphan Asylum; Sec'y Cong. Amer. Physicians and Surgeons; Physician, Hartford.

Walker, Emma Elizabeth—A. B. Smith 1187.—Asst. Surg. Hosp. for Ruptured and Crippled; Mem. N. Y. Co. and State Med. Soc. N. Y. Acad. of Med., Woman's Med. Assn., Women's Med. Soc. of N. Y. State, Lect. for Amer. Soc. Sanitary and Moral Prophylaxis, and Physician, New York.

***Whitridge, Andrew Henderson**—S. B. Harvard 1894; R. H. O. 1898-99. (Died, March 19, 1912.) (22)

Class Secretary—William W. Ford, 1027 Cathedral St., Baltimore.

1899

Brownell, Edward Erle—Ph. B. Yale 1895; R. H. O. 1899-00.—1700 Broadway St., San Francisco.

Buckler, Humphrey Warren—A. B. 1895; R. H. O. and Asst. in Obstet. 1899-06: Mem. State Tuberculosis Comm.; Attend. Phys. Md. Hosp. for Consumptives; Supt. Dr. H. A. Kelly's Private Hosp., and Physician, Baltimore.

Cole, Rufus Ivory — S. B. Michigan 1896; R. H. O., Asst. Res., Res. Phys. and Med. Adviser to Med. Students 1899-07; Asst. Phys.; Assoc. in Med. in Chg. Biol. Div. of Med. Clinic 1907-09.—Med. Director, Rockefeller Hospital, N. Y.

Davis, John Staige—Ph. B. Yale 1895; R. H. O. 1899-00; Res. Phys. Union Protestant Infirmary 1900-03.—Dispen. Surg. and Instr. in Clin. Surg.; Asst. Visit. Surg. and Surgeon, 1200 Cathedral St., Baltimore.

Emerson, Charles Phillips—A. B. Amherst 1894; R. H. O.; Instr. in Med. and Asst. Res. Phys. in Chg. of Clin. Lab. 1899-05; Res. Phys.; Med. Adviser to Students and Assoc. in Med. 1905-08; Supt. Clifton Spgs. Sanitarium, N. Y. 1908-1911.—Dean and Prof. of Med. Indiana Univ. Sch. of Med. Indianapolis.

Epler, Blanch Nettleton—S. B. California 1895; House Phys. Randall's Island Hosp. for Children, and Interne N. Y. Infirmary for Women and Children 1899-00.—City Bacteriol. and Exam. for State Sanatorium for Tuberculosis; Instr. Anat. and Physical Exam. West State Normal, and Physician, Kalamazoo, Mich.

Erlanger, Joseph—S. B. California 1895; R. H. O.; Fellow in Pathol.; Asst. Instr. Assoc. and Assoc. Prof. of Physiol. 1899-06; Prof. of Physiol. Univ. of Wisconsin, Madison, 1906-10.—Prof. of Physiology, Washington Univ. St. Louis.

Evans, Philip Saffery, Jr.—A. B. Yale 1895; Intercollegiate Sec. Y. M. C. A. Balt. 1899-00; Clin. Asst. in Surg. 1900-01; Med. Missionary, Yang Chow, China, 1901-11.—Prof. Pathol. Med. Dept. Univ. Nanking, Nanking, China.

Follis, Richard Holden—Ph. B. Yale 1895; Externe; Asst. Res. Surg., Res. Surg. and Inst. in Surg. 1899-05.—Dispen. Surg., Assoc. in Clin. Surg. and Asst. Visit. Surg.; Surgeon, Baltimore.

Fulton, Frank Taylor—S. B. Knox 1894; A. B. 1895; Pathol. Interne, City Hosp. Boston 1899-00; Pathol. and Director Pathol. Lab. R. I. Hosp. 1900-09.—Visit. Phys. R. I. Hosp.; Consult. to Pawtucket Mem. Hosp., Prov. City Hosp. and Woonsocket Hosp. and Physician, Providence.

***Gallagher, James Daton**—A. B. 1895; Phys. Private Wards, Lakeside Hosp. Cleveland, 1899-00.

Harris, Henry—A. B. Stanford 1895; R. H. O. 1899-00.—Instr. Princ. and Prac. of Med. and Visit. Phys. Hebrew Orphan Asylum, Cal., Women's Hosp. and Mt. Zion Hosp. and Physician, San Francisco.

Hoye, Henry Joseph — A. B. Brown 1895; Surg. Interne, and House Surg. City Hosp. Boston 1899-01.—Asst. Visit. Surg. R. I. Hosp.; Physician, 221 Thayer St., Providence.

Ladd, Louis Williams—A. B. Yale 1895; Acting Asst. Res. Phys. 1899-00; Res. Phys. Lakeside Hosp. 1900-01.—Lect. Clin. Micro. Western Reserve Univ.; Clin. Microscopist, Lakeside Hosp. Cleveland.

***Little, Charles Sumner**—A. B. Wabash 1894, and A. M. 1903; Assoc. in Pathol. Central Coll. of P. and S. Indianapolis 1903-05; Lect. Pathol., Clin. Med. Purdue Univ.; Pathol. City Hosp. and Phys. to Day Nursery Indianapolis, Ind. 1905-07. (Died, December 13, 1913.)

Luetscher, John Arthur—S. B. Wisconsin 1895; R. H. O. 1899-00; House Phys. City Hosp. (South Dept.) Boston 1900-01; Asst. and Instr. in Med. 1905-13.—Assoc. in Clin. Med. and Physician, Baltimore.

Lupton, Frank Allemong—S. B. Alabama Polytech. 1891, and M. S. 1892; Grad. Student 1893-94.—Member Com. of Health Jefferson Co.; Prof. of Obstet. Birmingham Med. Coll. and Obstet. Hillman Hosp. Birmingham, Ala.

Lynch, Frank Worthington—A. B. Adelbert 1895; Asst. Res. and Res. Obstet.; Chief of Obstet. Clinic and Assoc. in Obstet. 1899-03.—Asst. Prof. of Obstet. and Gynecol. Rush Med. Coll.; Attend. Obstet. and Gynecol. Presbyterian and St. Joseph's Hosps. 1906-15; Ex-Pres. Chicago Gyne. Soc. Chicago; 1st Lt. U. S. Med. Res. Corps; Prof. Obstet. and Gynecol. U. of Calif. and Director Woman's Clinic, *ibid.* San Francisco.

Magee, Chester Lea — A. B. Stanford 1895, and A. M. 1896; Asst. Res. Phys. City Detention Hosp. Balt. 1899-00; Instr. San Diego Training Sch. for Nurses 1900-02; Asst. Surg. Santa Fe R. R. 1903-12; Assoc. in Physiol. Coll. P. and S. 1907-08.—Physician, San Gabriel, Cal.

Moore, Hugh Miller—B. Sc. and M. Sc. Miami 1895.—Physician, 103 Walnut St., Oxford, O.

***Ottley, Charles Williams**—A. B. Princeton 1893, and A. M. 1903; Traveling Secy. Student Volunteer Movement for Foreign Missions, N. Y. 1899-00; House Phys. Blackwell's Island, Dept. of Charities, N. Y. 1900-01; Prof. Biology, and College Phys. Robert Coll. Constantinople 1901-04; Phys. and Surg. Anatolia Coll. Hosp. Marsovan, Turkey 1904-05; Student, Vienna and Berlin 1905-06.

Owsley, Paul Octavius — Ph. B. Yale 1895; Asst. Res. Surg. St. Joseph's Hosp. Balt. 1899-01.—Instr. Clin. Gynecol. N. W. Med. Sch.; Attend. Surg. Cook Co. Hosp. and Physician, Evanston, Ill.

Pleasants, Jacob Hall—A. B. 1895; R. H. O. 1899-00; Asst. in Med. 1901-06.—Prest. Dept. Charities and Corrections; Dispen. Phys. and Instr. in Clin. Med.; Physician, Baltimore; Member Alumni Council.

Rosenheim, Sylvan—A. B. 1895; Asst. and Clin. Asst. in Laryng. 1903-07.—Laryngol. Hebrew, Eudowood and Jewish Hosp. for Consumptives; Aural Surg. Balt. Eye, Ear and Throat Charity Hosp.; Physician, Baltimore.

Sampson, John Albertson—A. B. Williams 1895; R. H. O. 1899-00; Asst. Res. and Res. Gynecol. and Asst. in Gynecol. 1900-04. — Gynecol. Albany Hosp. and So. End Disp. and Prof. Gynecol. Albany Med. Sch. and Physician, Albany, N. Y.

Steensland, Halbert Severin—S. B. Wisconsin 1895; Pathol. House Officer City Hosp. Boston 1899-00; Lect. Pathol. and Bact. and Director Pathol. Lab. Syracuse Univ. and Assoc. Prof. and Director 1900-08; Prof. Pathol. and Bact. and Director Pathol. Lab. 1908-12. — Prof. Pathol. and Dir. Pathol. Laby. Syracuse Univ. Syracuse, N. Y.

Stone, William Ridgely—A. B. Princeton 1895; Interne Blackwell's Island, Dept. of Charities, N. Y. City 1899-00; Asst. Visit. Obstet. Maternity Hosp. Blackwell's Island, 1900-16.—Physician, 73 W. 49th St., New York.

Strobel, Edgar Randolph—A. B. 1895; Externe 1899-00; Assoc. Prof. Dermatol. Univ. of Md.; Assoc. and Dispen. Dermatol.; Physician, 330 N. Charles St., Baltimore.

Verhoeff, Frederick Herman — Ph. B. Yale 1895; A. M. Harvard 1902; Externe; Asst. Surg. Balt. Eye, Ear and Throat Charity Hosp. 1899-00; Asst. in Pathol. Harvard Med. Sch. 1900-02 and Instr. Ophthal. Path. 1907-16. Asst. Ophthal. Surg. Carney Hosp. 1902-06.—Pathol. and Ophthal. Surg. Mass. Charitable Eye and Ear Infirmary; Asst. Prof. Ophthal. Resch. Harvard, and Physician, Boston.

Williams, William Whitridge — A. B. 1895; Res. Phys. St. Joseph's Hosp. Balt. 1899-00; Asst. Univ. of Prague 1900-01; Asst. Pathol. Harvard 1901-03; Grad. Asst. O. P. D. Mass. Gen'l Hosp. 1903-05; Asst. in Pharmacol. West. Reserve Univ. Cleveland 1905-08; Director Webb Tuberculosis Research Lab. Colorado Springs 1908-11; Consult. Cragmor Sanitorium, Colorado Springs 1908-14.—Visit. Phys. City and Co. Hosp.; Pathol. Children's Hosp.; Con. Bact. Nat'l Jewish Hosp. for Consumptives; Chrmn. Advis. Comm. Dept. Health; 1st Lt. Med. Res. Corps U. S. Army and Physician, Denver, Colo.

Wyckoff, Sarah Delia—S. B. Wellesley 1894; R. H. O. 1899-00.—Attend. Phys. State Disp. for Tuberculosis; and Physician, Wilkes-Barre, Pa.

Yates, John Lawrence — Ph. B. Yale 1894; S. B. Wisconsin 1895; R. H. O., Asst. Res. Surg. and Asst. in Pathol. 1899-02; Asst. Dmnstr. Pathol. Univ. of Pa. 1902-03; Pathol. and Chief Surg. Asst. Augustana Hosp. Chicago 1904-06.—Surgeon, 141 Wisconsin St., Milwaukee.

Davis, Frank Curtiss—A. B. Amherst 1895.—Physician, 236 McKnight Bldg. Minneapolis, Minn. (*Degree granted December* 4, 1899.) (33)

Class Secretary—H. Warren Buckler, 806 Cathedral St., Baltimore, Md.

1900

Akerman, Joseph—A. B. Georgia 1894, and Grad. Student 1895-96; Res. Phys. and Surg. Presbyterian Hosp. Phila. 1900-02; Supt. Walker Mem. Hosp. Wilmington, N. C. 1902-06.—Surg. 309 Murchison Bldg. Wilmington, N. C.

Allen, Herbert Williams—S. B. California 1896; R. H. O. 1900-01; Res. Phys. Lakeside Hosp. Cleveland 1901-02.—Asst. Prof. Clin. Med. Dept. Univ. of Calif. and Physician, San Francisco.

Austin, Mabel Fletcher—(Mrs. E. E. Soufhard), S. B. Minnesota 1893; Pathol. and Interne, City and County Hosp. St. Paul 1900-02; Pathol. New England Hosp. Boston 1903-06; Assoc. Prof. Hygiene. and Med. Director Wellesley Coll. 1906-08.—Cambridge, Mass.

***Beale, Alma Emerson**—A. B. Wellesley 1891; Marine Biological Lab. 1893; Externe 1900-01; Res. Phys. Evening Disp. for Working Women and Girls, Balt. 1900-01; Interne N. Y. Infirmary for Women and Children 1901-02; Health Officer and Phys. Schaghticoke, N. Y. 1902-12; Phys. Henry Watson Children's Aid Soc. Baltimore 1912-13. — Physician, Schaghticoke, N. Y. (*Died, Aug.* 31, 1915.)

***Bettmann, Milton** — A. B. Harvard 1897; R. H. O. 1900-01; Student, Univ. of Berlin 1901-02.

***Briggs, Evelyn**—A. B. Stanford 1896.

Brown, Lawrason — A. B. 1895; Res. Phys. Adirondacks Cottage Sanitarium 1900-02; Attend. Phys. 1912.—Visit. Phys. Recep'n Hosp.; Chmn. Med. Comm. Trudeau Sanatorium, and Physician, Saranac Lake, N. Y.

Brulle, Herman—A. B. and S. B. Hampton-Sidney 1895; Grad. Student 1895-96; Externe 1900-01; Med. Agt. City Charities.—Physician, Fredericksburg, Va.

Burnam, Curtis Field—A. B. Central Univ. Ky. 1895; Grad. Student 1895-96; R. H. O., Asst. Res. and Res. Gynecol. 1900-04; Assoc. in Gynecol. 1904-14.—Surg. in Chief, Cambridge Hosp. and Physician, Baltimore.

Chittenden, Arthur Smith—A. B. Yale 1896, and A. M. 1899; F. A. C. S. House Surg. N. Y. Hosp. 1900-02.—Asst. in Pathol. Columbia 1903-04; Visit. Pathol. Lincoln Hosp. 1904-05.—Surg. Binghamton State Hosp. and Surgeon, Binghamton, N. Y.

Christian, Henry Asbury — A. B. and A. M. Randolph-Macon 1895, and Grad. Student 1895-96; A. M. Harvard 1903; Asst. Pathol. City Hosp. Boston 1900-02; Instr. Pathol. Harvard; Asst. Visit. Pathol. City Hosp. and Children's Hosp. Boston 1902-05; Asst. Visit. Phys. L. I. Hosp. 1905; Phys. in Chief Carney Hosp. Boston 1907-12; Dean Faculty of Med. Med. Sch. Harvard 1908-12.—Hersey Prof. Theory and Practice of Physic, Harvard; Phys. in Chief Peter Bent Brigham Hosp. and Physician, Boston.

Dancy, William Remshart—S. B. Georgia 1896; House Phys. (1900-01) and Surg. Seney M. E. Hosp. Brooklyn, N. Y. 1901-02; Grad. Student Universities Berlin and Vienna 1902-03; Res. Supt. Savannah Hosp. 1903-04.—Instr. Savannah Hosp. Tr. Sch. for Nurses and Telfair Hosp. Tr. Sch.; Member Attend. Staff, Savannah Hosp.; Member Board Sanitary Commissioners, and Physician, Savannah, Ga.

Eggers, Augustus Hartje—Ph. B. Yale 1896.—Physician, 5815 Rural St., Pittsburgh, Pa.

Evans, Henry Courtney—A. B. Adelbert 1896; Interne Western Penna. Hosp. Pittsburgh 1901-02.—Physician, 300 N. Phelps St., Youngstown, O.

Fairbank, Rose — (Mrs. Rose Fairbank Beals), A. B. Smith 1895; Asst. Res. Phys. Hosp. Union Missionary Society, Jhansi, India 1901-05.—Physician, Amer. Morathi Mission Hosp. Wai, India.

Farrar, Clarence B.—A. B. Harvard 1896; Grad. Student Heidelberg 1902-04; Research Asst. Carnegie Inst. of Wash. 1904-06; Instr. in Psychiatry 1906-08; Asst. Phys. and Director Laboratory Sheppard and Pratt Hosp. Towson; Visit. Phys. City Detention Hosp. Bayview; Asst. Neurol. and Assoc. in Phychiatry, 1908-13. — Asst. Phys. State Hosp.; Lect. Abnml. Psychol. Princeton; Visit. Neurol. Mercer Hosp. Trenton, N. J.

Fisher, Arthur Lawrence—S. B. California 1896; R. H. O. 1900-01; Fellow Rockefeller Inst. for Med. Research 1901-02; Asst. Visit. Surg. Mt. Zion Hosp. 1902-08; Asst. in Surg. Cooper Med. Sch. 1907-12.—Asst. Orthoped. Surg. Med. Dept. Stanford, and Physician, San Francisco.

Fisher, Alexander William — A. B. Princeton 1896; R. H. O. 1900-01;

Res. Phys. Union Protestant Infirmary Balt. 1901-02.—Visit. Surg. U. P. I., Church Home and Infirmary, Hosp. for Women of Md. and Children's Hosp.; Instr. in Clin. Surg., Dispen. Surg. and Surgeon, Baltimore.

Fletcher, Howard—A. B. Randolph-Macon 1895, and Grad. Student 1895-96. —Physician, Fairfax, Va.

Flint, Joseph Marshall—S. B. Chicago 1895; A. M. Princeton 1900, and Yale 1907; Assoc. Univ. of Chicago 1900-01; Prof. Anat. Univ. of California 1901-07.—Prof. Surg. Yale Univ. New Haven, Conn.

Healy, William Patrick—Ph. B. Yale 1896; Interne N. Y. City Hosp. 1900-02; Gynecol. Interne Roosevelt Hosp. N. Y. 1902-03; Asst. Gynecol. Vanderbilt Clinic and Clin. Instr. Gynecol. Coll. P. and S. (N. Y.) 1903-08.—Asst. Surg. J. Hood Wright Hosp. 1908-12; Jr. Gynecol. Roosevelt Hosp.; Attend Gynecol. Misericordia Hosp.; Attend. Surg. Fordham Hosp.; Dean and Prof. Gynecol. Fordham Univ. Sch. of Med. N. Y.

***Hendrickson, William Faithful**—A. B. 1896; Asst. Dmnstr. Pathol. Univ. of Pennsylvania 1900-02.

Hewlett, Albion Walter—S. B. California 1895; House Phys. N. Y. Hosp. 1900-02; Asst. Prof. Princ. and Pract. of Med. Cooper Med. Coll. San Francisco 1906-08; Prof. Int. Med. and Director of Clin. Lab. Univ. of Mich. Ann Arbor 1908-1916.—Prof. Med. Stanford Univ. San Francisco.

Kellogg, William Crissey—A. B. Yale 1896; Res. Phys. Soldiers' Home, Washington 1900-01.—Clin. Prof. Eye, Ear, Nose and Throat, Univ. of Georgia; and Physician, Augusta, Ga.

Kyes, Preston — A. B. Bowdoin 1896, and A. M. 1900.—Assoc. Prof. Preventive Med. Univ. of Chicago.

***Lebus, Leona**—S. B. Wellesley 1889.—Los Angeles, Cal. (Died, November 20, 1908.)

Lewis, Warren Harmon—S. B. Michigan 1894, and Asst. 1894-96; Asst. Instr. Assoc and Assoc. Prof. of Anat. 1900-13.—Prof. of Physiological Anatomy.

Little, Harry Wilson — S. B. Wabash 1896, A. M. 1905; House Phys. Maternity, City and Epileptic Hosps. Blackwell's Island, N. Y. 1901-03.—Prest. S. W. Little Coal Co. Evansville, Ind.

Lowell, Ellen Louise—(Mrs. A. D. Stevens), A. B. Stanford 1896; Res. Phys. N. Y. Infirmary for Women and Children 1900-02; Asst. Gen'l Med. Clinic, Presbyterian Hosp. Disp. 1902-03; Asst. Babies' Hosp. Disp. Chief of Children's Clinic, Harlem Hosp. Out-Patient Dept. N. Y. 1903-04.—Physician, 2050 Hill St., Jacksonville, Fla.

***MacCallum, John Bruce**—A. B. Toronto 1896; Asst. in Anatomy 1900-02; Asst. Prof. Physiology, Univ. of California 1902-06.

Marvell, Mary Wilbur—S. B. Wellesley 1894; Interne New England Hosp. Roxbury 1900-01.—Physician, Fall River, Mass.

Meltzer, Clara—(Mrs. John Auer), A. B. Barnard 1896; Grad. Student 1900-01; Research Scholar, Rockefeller Inst. for Med. Research; Ophthalmologist, Harlem Hosp. Disp. 1901-03; Clin. Asst. and Asst. Surg. N. Y. Eye and Ear Infirm. 1901-11; Ophthalmologist, N. Y. Infirm. for Women and Children 1908-13.—274 State St., Flushing, L. I.

Mosher, Clelia Duel — A. B. Stanford 1893 and A. M. 1894; Asst. and Instr. Hygiene, Stanford Univ. 1893-96; Gynecol. Asst. Dr. Kelly's Sanitarium, Balt. and Externe 1900-01; Spec. Asst. Palo Alto Board of Health for Study of Typhoid fever epidemic of April, 1903.—Asst. Prof. Personal Hygiene and Med. Adviser to Women, Stanford Univ. and Physician, Palo Alto, California.

Myrick, Hannah Glidden—A. B. Smith 1896; Interne New England Hosp. Roxbury 1900-01.—Asst. Res. Phys. and Supt. N. E. Hosp. for Women and Children, Roxbury, Mass.

***Oliver, Edward Spiller**—A. B. 1895.

Rand, Richard Foster—Ph. B. Yale 1895, and Grad. Student 1895-96; R. H. O. 1900-01; Res. Surg. Parker Hosp. Univ. of Missouri, Columbia 1901-02. —Asst. Surg'l and Gynecol. Clinics, Yale Univ. Asst. Obstet. New Haven Hosp. and Physician, New Haven, Conn.

Reed, Dorothy M.—(Mrs. Charles E. Mendenhall), B. L. Smith 1895; Grad. Student Mass. Inst. of Tech. 1895-96; R. H. O. and Fellow in Pathol. 1900-02; Res. Phys. Babies' Hosp. N. Y. 1902-06.—Madison, Wis.

Rusk, Glanville Yeisley—A. B. 1896; R. H. O. 1900-01; Asst. Physician, Sheppard and Pratt Hosp. Asst. in Psychiatry and Clinical Asst. in Neurol. 1902-03; Path. Institute, Ward's Island, N. Y. 1903-10.—Assoc. Prof. Pathol. Univ. of Calif. Berkeley.

Sabin, Florence Rena—S. B. Smith 1893, Sc. D. 1910, and Asst. in Zoology 1895-96; R. H. O. 1900-01; Holder Women's Fellowship in Anatomy 1901-02; Asst. Instr. and Assoc. in Anatomy 1902-05.—Co-Editor, Anatomical Record and Assoc. Prof. of Anatomy.

Sowers, William Francis Mattingly—A. B. Princeton 1896; R. H. O. Asst. Res. Res. Surgeon; Asst. and Instr. 1900-07. — Assoc. in Surg. George Washington Univ. Surgeon, Washington, D. C.

Stone, Ellen Appleton—A. B. Radcliffe 1895; A. M. Brown 1896; Interne Hosp. for Women and Children, Syracuse, N. Y. 1901-02; Res. Phys. Children's Hosp. Buffalo, N. Y. 1902-03; Phys. Med. O. P. D. for Children, R. I. Hosp. 1906-12. — Supt. Child Hygiene, Health Dept. Providence.

Warren, Mortimer—A. B. Bowdoin 1896; Externe City Hosp. Boston 1900-01; Director, Pathol. Lab. Roosevelt Hosp. —Physician, 624 Madison Ave., New York.

Woolley, Paul Gerhardt—S. B. Chicago 1896; R. H. O. 1900-01; Fellow in Pathol. McGill Univ. Montreal 1901-02; Pathol. Biol. Lab. and Director, Gov't Serum Lab. U. S. A. Manila, 1902-06; Chief, Siamese Gov't Serum Lab. Phrapatoom, Siam, 1906-07; Chief Inspr. Health and Med. Adviser, Dept. Interior, Bangkok, 1907-08; Assoc. Prof. Pathol. Anat. Univ. of Nebraska, Omaha, 1908-09; Dean, Faculty of Med. Univ. of Cincinnati, 1910-13.—Director Laboratories, Cincinnati Hosp. and Mary M. Emery Prof. Pathol. Univ. of Cincinnati, O. (43)

Class Secretary—Warren H. Lewis, 500 Hawthorne Road, Baltimore, Md.

1901

***Atherton, Alexander Montague**—A. B. Wesleyan (Conn.) 1897; Res. Phys. Charity Hosp. Blackwell's Island, N. Y. 1901-02. **Aug.* 28, 1903.

Baetjer, Frederick Henry—A. B. 1897; R. H. O. 1901-02; Assoc. in Actinography 1902-16.—Assoc. Prof. Clin. Roentenology and Physician, Baltimore.

Baldwin, William Dwight—A. B. Yale 1897; House Phys. St. Luke's Hosp. N. Y. 1903-04.—Haiku, Maui, T. H.

Berry, John McWilliams—S. B. Cornell 1897; R. H. O. 1901-02.—Orthoped. Surg. and Roentgenologist, Albany Hosp. Clin. Prof. Ortho. and Radiology, Albany Med. Coll. and Physician, Albany, N. Y.

Blakeslee, Walter Herbert—A. B. Amherst 1897, and A. M. 1903; Dr. P. H. Penna. 1913; Asst. Res. Phys. N. Y. Lying-in Hosp. (6 months); Asst. Med. Exam. Penna. R. R. Relief Dept. Philadelphia, 1902-08; Res. Episcopal Hosp. Philadelphia, 1908-09.—Med. Inspector, Dept. Labor and Indust. State of Penna. and Physician, 3328 N. 17th St., Philadelphia.

Bloombergh, Horace Deschamps—A. B. Lafayette 1897; First Lieut. Med. Corps, U. S. A. 1901-06; Capt. Med. Corps, U. S. A. 1907-10.—Major, Med. Corps, U. S. A., Schofield Barracks, T. H.

Boggs, Thomas Richmond—S. B. Univ. of Georgia 1896, and Grad. Student 1896-97; R. H. O. and Acting Asst. Res. Phys. 1901-03; Asst. in Med. and Asst. Res. Phys. in charge Med. Bact. Lab. Asst. Res. Phys. in charge Clin. Laby. 1904-08; Assoc. in Medicine, Res. Phys. and Med. Adviser to Students 1908-11. — Assoc. Prof. Clin. Med. Asst. Visit. Phys. and Phys. in Chief, City Hosp. Bayview.

Bosley, John Robert—A. B. Western Md. 1896, and A. M. 1901; Grad. Student 1896-97.—Capt. Med. Corps, U. S. A. Fort Hamilton, N. Y.

Bunting, Charles Henry—S. B. Wisconsin 1896, and Fellow 1896-97; R. H. O. 1901-02; Asst. Dmnstr. Pathol. Univ. of Pa. 1902-03; Instr. in Pathol. 1903-04; Pathol. Bayview Hosp. Asst. Res. Pathol. and Assoc. in Pathol. 1904-06; Prof. Pathol. and Pathol. Univ. Hosp. Univ. of Va. Charlottesville, 1906-08.—Prof. Pathol. Univ. Wisconsin, Madison.

Butler, Joel Ives—Ph. D. Yale 1897; Act. R. H. O. 1901-02; Externe Surg. Pathol. and Asst. in Anat. 1902-03; Clin. Asst. G.-U. Surg. 1903-04; House Surg. Mass. Gen'l Hosp. Boston, 1904-05; Asst. Surg. Springfield and Mercy Hosps. Mass. 1905-09; Instr. in Surg. Yale Med. Sch. Asst. Surg. New Haven Hosp. 1909-11.—Attend. Surg. and Manager, The Arizona Hosp. Tucson, Ariz.

Carey, Harry Wardell—A. B. Yale 1897; Asst. Pathol. Bender Hygienic Lab. Albany, 1901-03; Instr. Physiol. Chem. 1908, and Physical Diag. Albany Med. School, 1909-11; Phys. in chg. Lake View San. 1910-1913.—Director, Cluett Pathol. Lab. Assoc. in Med. Samaritan Hosp. Instr. Med. Albany Med. Sch. and City Bacteriologist, Troy, N. Y.

Chace, Eleanor Sarah — (Mrs. Edward Herbert), S. B. Wellesley 1894, Interne Worcester Memorial Hosp. 1902. —Physician, 140 Purchase St., Fall River, Mass.

Comer, Robert Thornton—A. B. Alabama 1896; Grad. Student 1896-97.—Physician, First Nat'l Bank Bldg., Birmingham, Ala.

Connor, Guy Leartus—A. B. Williams 1897.—Neurol. Children's Free Hosp. Med. Dir. Bd. of Education, and Neurol. Detroit, Mich.

Connor, Ray — A. B. Williams 1897; House Surg. Manhattan Eye and Ear Hosp. N. Y. 1902-03.—Ophthalmol. and Otol. Children's Free Hosp. Assoc. Clin. Prof. Ophthalmol. and Otology, Detroit Coll. of Med. and Physician, Detroit, Mich.

Drake, George Silas, Jr.—A. B. Yale 1897, Res. Phys. Union Protestant Infirmary, Balt. 1902-05; Assoc. Surg. St. Louis Free Skin and Cancer Hosp. 1905-09.—Surg. in chief, Social Service Hosp. and Surgeon, St. Louis.

Dutcher, Adelaide — S. B. Wisconsin 1897; Asst. Obstet. Hosp. for Women and Children, and Physician, Syracuse, N. Y.

Fowler, Harry Atwood—S. B. Minnesota 1895; R. H. O. and Clin. Asst. Genito-Urinary Diseases 1901-03.—Prof. G.-U. Diseases, Howard Univ. G.-U. Surg. Emergency and Freedman Hosps. and Surgeon, Washington, D. C.

Gay, Frederick Parker—A. B. Harvard 1897; Fellow, Rockefeller Inst. for Med. Research; Asst. Dmnstr. of Pathol. Univ. of Penna. 1901-03; Student, Institute Pasteur, Brussels, 1903-06; Bacteriol. Danvers Insane Hosp. 1906-07; Asst. and Instr. in Pathol. Harvard Med. School 1907-10.—Prof. of Pathol. Univ. of California, Berkeley.

Graham, Neil Duncan—A. B. 1897; Assoc. Prof. Hygiene and Prevent. Med. Howard Univ. and Physician, Washington, D. C.

Hall, Gardner Wells—A. B. Harvard 1898; Clinical Asst. in Medicine, 1901-02.—Physician, 475 Beacon St., Boston.

Hamman, Louis Virgil—A. B. Rock Hill 1896; Grad. Student 1896-97; House Phys. New York Hosp. 1902-03; Attend. Phys. Md. Hosp. for Consumptives; Phys. in chg. Phipps Disp. 1905-15.—Assoc. Prof. of Clin. Med. and Physician, Balt.

Hastreiter, Rolland Frederick — S. B. Wisconsin 1897; R. H. O. and Clinical Asst. in Obstet. 1901-02; Asst. in Anat. Wis. Coll. of P. and S. 1903-04.—Physician, 718 Brockman Bldg., Los Angeles, Cal.

Hathaway, Joseph Henry—A. B. Iowa Coll. 1894, and Harvard 1896, and A. M. 1897; R. H. O. 1901-02; Res. Phys. The Glen Springs, Watkins, N. Y. 1902-03; Res. Pathol. Boston Free Hosp. for Women 1903-04; Instr. in Anat. Cornell 1905-09; Med. Exam. Cornell Univ. Gym. Ithaca, 1906-09; Prof. Anat. Univ. Louisville, 1909-13.—Prof. Anat. Histol. and Embryol. and Secy. Detroit Coll. Med. and Surg. Detroit.

Hitzrot, James Morley—A. B. Princeton 1897; R. H. O. 1902; House Surg. New York Hosp. 1902-03.—Asst. Prof. Clin. Surg. Cornell Univ. Assoc. Attend. Surg. N. Y. Hospital; and Physician, New York.

Holden, Gerry Rounds—A. B. Yale 1897; House Surg. Roosevelt Hosp. N. Y. 1902-03; Res. Gynecolol. and Instr. in Gynecol. 1903-05.—Gynecol. St. Luke's Hosp.; Fla. State Hosp. for Insane, and Surgeon, Jacksonville, Fla.

Hume, Edward Hicks—A. B. Yale 1897; John W. Garrett Internat. Fellow in Pathol. and Bacteriol. Univ. Coll. Liverpool 1901-02; Third Asst. Surg. and Clinical Asst. in Med. 1902-03, Act. Asst. Surg. U. S. Public Health and Marine Hosp. Service, and Research Worker, Government Laboratory, Parel, Bombay, India, 1903-05.—Physician in chief, Hosp. of Yale Coll. Changsha Hunan Prov. China.

Johnston, William Bernard—A. B. Harvard 1897; Asst. Res. Pathol. 1901-02. (Europe.)

Kaufman, Harry M.—A. B. 1897; Res. Phys. Jewish Hosp. Philadelphia, 1901-02.—Consult. Phys. German Orphan Asylum; Attend. Physician, Ruppert Home; Consult. Phys. Central Disp. and Emergency Hosp. and Physician, Washington, D. C.

Lamson, Theodore—Ph. B. Yale 1897; Asst. Res. Phy. Barnes Hosp. Washington, 1901-02.—Capt. Med. Corps. U. S. Army, Columbus, N. M.

Lewis, Dwight Milton—A. B. Yale 1897; Med. House Officer, City Hosp. Boston, 1901-03.—Clin. Instr. Med. Yale, Med. Sch. Pathol. and Asst. Visit. Phys. Hosp. of St. Raphael; Bacteriol. Board of Health, and Physician, New Haven, Conn.

Longcope, Warfield Theobald — A. B. 1897; Res. Pathol. Penn. Hosp. Philadelphia, 1901-03; Director, Ayer Clinical Lab. Penna. Hosp. 1904-10; Asst. Prof. Applied Med. Univ. of Penna. Philadelphia, 1909-11; Assoc. Prof. Med. Columbia Univ. and Assoc. Attend Phys. and Dir. Med. Service Presbyterian Hosp. N. Y. 1911-14.—Bard Prof. Med. Columbia, and Physiian, New York.

Maddren, William Harvey—S. B. Brooklyn Polytech. Inst. 1896; Grad. Student 1896-97.—Visit. Surg. L. I. State Harbor Hospitals, and Asst. Visit. Surg. King's Co. and Bradford St. Hosp. and Physician, Brooklyn.

Moore, Elizabeth Sutton—(Mrs. G. L. McKinney), S. B. Wilson Coll. Pa. 1895; Grad. Student, Cornell 1896-97; Interne, New England Hosp. Boston, 1901-02; Pathol. Passavant Hosp. 1903-08. — Physician, Panama Canal Zone.

Parker, Henry Pickering—A. B. 1896; Demonstrator of Pathol. and Bacteriol. Western Reserve Univ. 1901-02; Res. Pathol. Lakeside Hosp. Cleveland, 1902-03; Interne, Union Protestant Infirmary, Balt. 1903-04; Clinical Asst. in Med.; Res. Physician, Robt. Garrett Hosp. for Children, 1904-05; Asst. to the Prof. of Clin. Med. Georgetown Med. Sch. Asst. in Diseases of Throat and Chest, Emergency Hosp. 1905-08.—Prof. Med. Howard Univ. Assoc. Visit. Phys. Providence, Hosp. and Visit. Phys. Freedman's Hosp. and Physician, Washington, D. C.

Rubel, Maurice J.—S. B. Chicago 1897; R. H. O. 1901-02.—Physician, 25 E. Washington St., Chicago.

Salter, John Cleveland—A. B. Yale 1897; House Phys. St. Luke's Hosp. N. Y. 1901-02; Res. Phys. N. Y. Lying-in Hosp. 1903-04.—Visit. Phys. St. Louis Skin and Cancer Hosp. and City Hosp. and Physician, St. Louis.

Simis, Mabel Palmer—(Mrs. H. L. Ulrich), S. B. Cornell 1897.—Physician, Minneapolis, Minn.

Slemons, Josiah Morris—A. B. 1897; R. H. O. and Clin. Asst. in Obstet. 1901-02; Asst. Res. and Res. Obstet. 1902-04; Instr. Assoc. and Assoc. Prof. of Obstet. 1904-13; Prof. of Obstet. and Gynecol. Univ. of California 1913-15. —Prof. Obstet. and Gynecol. Yale Med. Sch. New Haven.

Smith, Herbert Meloy—A. B. Roanoke 1892, and A. M. 1897; Grad. Student, 1894-95; Lt. and Capt. Med. Corps, U. S. A. 1901-10 and Hospital Service, Philadelphia, 1911.—Health Officer, Richland Co. and Physician, Columbia, S. C.

Spratt, Charles Nelson—S. B. Minnesota 1897; R. H. O. 1901-02; House Surg. New York Eye and Ear Infirmary, 1902-03; House Surg. Mass. Charitable Eye and Ear Infirmary, Boston, 1903-05.—Oculist, Minneapolis, Minn.

Steinfeld, Albert Louis—A. B. 1897; Director, Histol. and Pathol. Laboratories, and Res. Phys. Lucas Co. Hosp. Toledo, O. 1901-02; Prof. Histol. and Pathol. Toledo Med. Coll. 1903-04; Lect. in Ear, Nose and Throat, Toledo Med. Coll. 1906-11.—Physician, 237 Michigan St., Toledo, O.

Swett, Carlotta Mary—(Mrs. C. H. Bunting), A. B. Wellesley 1896; Grad. Student, Maine State Coll. 1896; Interne New England Hosp. Boston, 1901-02. — Madison, 2020 Chadbourne Ave., Wis.

Ulrich, Henry Ludwig—S. B. Rutgers 1897.—Visit. Phys. City Hosp., Asst. Prof. Med. Univ. of Minnesota, and Physician, Minneapolis.

Underhill, Albert James—A. B. 1897.—Externe in Surg. Assoc. Prof. and Chf. G.-U. Clin. U. of Md. Attend., G.-U. Surg. Univ. Hosp. Consult. G.-U. Surg. St. Joseph's German Hosp. and Physician, Baltimore.

Walker, Marian Bartholow—(Mrs. Marian Walker Williams), A. B. Radcliffe 1898; Attend. Phys. Babies' Hosp. N. Y. 1901-02; Phys. Hartford, Ct. 1902-11.—37 Holly St., Phoenix, Ariz.

Warfield, Louis Marshall—A. B. 1897; R. H. O. and Asst. Res. Phys. Thomas Wilson Sanitarium, 1901-02; Instr. Clin. Micros. Washington Univ. Med. Sch. St. Louis, 1905-09; Asst. Supt. in charge Med. Serv. Milwaukee Co. Hosp.—Prof. Med. Marquette Univ. Med. Sch. Ed. *Wisc. Med. Jour.* and Physician, Milwaukee.

Warren, George William—A. B. 1897.—Physician, 117 E. 62d St., New York.

Watts, Stephen Hurt—A. M. Randolph-Macon 1896; Student, Univ. of Virginia 1896-97; R. H. O. Asst. Res. and Res. Surg. 1901-07.—Prof. of Surg. Univ. of Virginia, and Surg. in chief Va. Hosp. Charlottesville.

Wells, Ernest Alden—A. B. Yale 1897; F. A. C. S., 1914. House Surg. N. Y. Hosp. 1901-02.—Attend. Surg. to Hartford Hosp. and Surgeon, Hartford, Conn.

***Wells, Mabel**—A. B. Wellesley 1896; Student, Univ. of Zürich 1897.

West, John Montgomery—A. B. 1896; Student, Universities of Berlin, Vienna and Halle, 1902-06; Asst. in Laryngol. and Rhinol. 1907-10. — Rhinolog. Klinik-Silex, Physician, Berlin, Germany.

Winne, Charles Knickerbacker, Jr.—A. B. 1897; Externe, 1901-02; Act. R. H. O.; Asst. Res. Phys. Thos. Wilson Sanitarium, 1902-03; Asst. Bender Hygienic Lab. Albany, N. Y. 1903-05. —Instr. of Med. Albany Med. Coll. Asst. Attend. Phys. Contagious Dept. Albany Hosp. Attend. Phys. Child's Hosp. So. End Disp. Med. Asst. Bureau of Health, and Physician, Albany.

(53)

Class Secretary—Louis V. Hamman, 714 Park Ave., Baltimore.

1902

Auer, John—S. B. Michigan 1898; R. H. O. 1902-03; Instr. Physiol. Harvard Med. Sch. 1906-07; Ast. and Assoc. Rockefeller Institute, 1907-09.—Assoc. Member, Rockefeller Institute for Medical Research, N. Y.

Briggs, John Bradford, Jr.—S. B. New York Univ. 1898; R. H. O. and Asst. in Med. 1902-04.— Assoc. in Pathol. George Washington Univ. and Disp. and Physician, Washington, D. C.

Browne, Bennett Bernard, Jr. — A. B. 1898; Asst. Ophthal. Balt. Eye, Ear and Throat Charity Hosp. 1903-06.—Clin. Asst. Ophthal. and Otol. Consult. Phys. Emergenry Hosp. Annapolis, and Physician, Baltimore and Annapolis.

Bruns, Robert Martin—A. B. Virginia 1896; Grad. Student, 1897-98; Asst. Res. Phys. Springfield State Hospital, Sykesville, Md. 1902-03.—Med. Exam. Fidelity & Casualty Co. N. Y., 138 E. 38th St., N. Y.

Bryan, William Morgan Case — A. B. Washington Univ. 1897; M. S. Michigan, 1898; Res. Phys. German Hosp. Philadelphia, 1902-04; Instr. Clin. Micros. and Chem. Med. Dept. St. Louis Univ. 1904-05.—Instr. Ear, Nose and Throat Diseases, *ibid.* Consult. Oto-Laryngol. to Alexian Bros. Hosp. Consult. in Oto-Laryn. St. John's Hosp. Mem. Med. Res. Corps; Memb. Am. Acad. Ophthalmol. and Oto-Laryn. Fel-

low Amer. Coll. Surg. and Physician, St. Louis.

*Bush, Camillus—S. B. California 1898; R. H. O. Visit. and Asst. Res. Surgeon, 1902-04.—Surg. F. A. C. S., St. Helena Sanitarium; Instr. in Surg. Univ. of Calif. and Surgeon, San Francisco. *May 28, 1910.

Churchman, John Woolman—A. B. Princeton 1898; A. M. 1901; A. M. (Hon.) Yale, 1915; R. H. O. and Clin. Asst. G.-U. Surg. 1902-05; Voluntär Asst. Surg. Clinic, Breslau, 1905-06; Asst. Res. Surgeon, 1906-09; Res. Surg. and Instr. in Surg. 1912.—Prof. Surgery, Yale, New Haven.

Clarke, Thomas Wood—A. B. Harvard 1899; R. H. O. 1902-03; Res. Phys. Lakeside Hosp. Cleveland, 1903-05; Vol. Asst. Charite Krankenhaus Berlin, 1905-06; Act. Clin. Asst. Children's Hosp. and Research Student, St. Bartholomew's Hosp. London, 1906-07; Fellow, Rockefeller Inst. N. Y. 1907-08; Clin. Asst. Vanderbilt Clinic, 1907-10; Asst. in Pediatrics, Columbia, and Asst. Editor *Medical Record*, 1909-10.—Phys. in Chg. Utica Babies' Pure Milk and Health Sta. 1912.—Attend. Pediatrist, Faxton Hosp. Med. Director Baby Welfare Comm. of Utica; Med. Expert N. Y. State Dept. of Health, and Physician, Utica, New York.

Cook, Henry Wireman—A. B. 1898; R. H. O. 1902-03; Late Asst. Res. Thos. Wilson Sanitarium.—Visit. Phys. Sr. Staff Memorial Hosp. and Univ. Hosp. Lect. in Med. Univ. of Minnesota, and Physician, Minneapolis.

Coons, Jacob Jones—S. B. Ohio Wesleyan 1898; Clin. Asst. in Med. Asst. Res. Surg. N. Y. Lying-in Hosp. 1902-03; Asst. Res. Surg. Kensington Hosp. Phila. 1903-04.—Asst. Prof. Med. Ohio State Univ. Pathol. Mt. Carmel Hosp. and Physician, Columbus, Ohio.

Dohme, Gustavus Charles—A. B. 1898; Prof. Chemistry, Maryland Med. Coll. 1905-12.—Physician, 3014 St. Paul St., Baltimore.

Dolley, David Hough—A. B. Randolph-Macon 1897, and A. M. 1898; Res. Pathol. St. Vincent's Charity Hosp. 1902-03; Asst. Dmnstr. Pathol. West. Reserve Univ. and Res. Pathol. Lakeside Hosp. Cleveland, 1903-04; Prof. Histol. and Pathol. Univ. of N. C. Chapel Hill, 1906-10.—Editor *Univ. of Mo. Medical Bulletin* and Prof. Pathol. Univ. Missouri, Columbia.

Duffy, Ralph—A. B. 1898; Pathol. Western Penna. Hosp. Pittsburgh, 1902-08; Res. Surg. Franklin Sq. Hosp. Baltimore, 1908-09; Surg. Scotland Sanitorium, Lawrinburg, N. C. 1909-11.—Physician, Lakeland, Fla.

Dunlop, John — S. B. Princeton 1898; Asst. Res. Phys. Thos. Wilson Sanitarium, 1902; Externe in Surg. 1902-03; Asst. Res. Phys. U. P. I. Balt. 1903; Orthopedic House Officer, Carney Hosp. Boston, 1904-05.—Ortho. Surg. Children's Hosp. and Freedman's Hosp. Prof. Orthopedic Surg. Georgetown Univ. and Physician, Washington, D. C.

Erving, William Gage—A. B. Yale 1898; Orthopedic House Surg. Carney Hosp. Boston, 1902-03. — Ortho. Surgeon, Providence, Freedman's and Children's Hospitals, and Prof. Ortho. Surg. Howard Univ. and Physician, Washington, D. C.

Ferry, Newell Simmons—Ph. B. Yale 1898; Asst. Res. Surg. Barnes Hosp. Washington, D. C. 1902-03; Biol. Pathol. City Hosp. and Phys. Memphis, Tenn. 1903-08.—Biol. and Research Dept. Parke, Davis & Co. Detroit, Mich.

Foster, Nellis Barnes—S. B. Amherst 1898; Res. Phys. N. Y. Hosp. 1904-05; Instr. and Assoc. in Biol.-Chem. Columbia, 1906-12; Assoc. Phys. N. Y. Hosp. 1907-16; Asst. Prof. Med. Cornell Univ. Sch. Med. and Physician, New York 1914-16.—Prof. Medicine, U. of Mich. Ann Arbor.

Francis, William Willoughby — A. B. 1898; Secy.-Treas. Canadian Med. Assn. Asst. Ed. *C. M. A. Jour.* Montreal, Canada; Capt. Can. Army Med. Corps No. 3 Can. Gen'l Hosp. British Exped. Force.

Frankenthal, Maurice Albert — A. B. Washington Univ. 1898.—Assoc. Visit. Phys. Jewish Hosp. Pathol. Bethesda Homes, Asst. in Surg. Washington Univ. Hosp. and Physician, St. Louis.

Glenny, W. Harry—Ph. B. Yale 1894; Asst. Attend. Phys. and Supervisor of Records. Buffalo Gen'l Hosp. Attend. Phys. Tuberculosis Dispen. and Phys. Buffalo, N. Y. 1902-11.—Bond Broker, Buffalo.

Hardy, Clarence Foster—B. L. Wisconsin 1891; Interne, Mercy Hosp. Pittsburgh (four months).—Physician, 848 Marshall St., Milwaukee.

Haviland, Morrison LeRoy—Ph. B. Union 1898; Res. Surg. Society Lying-in Hosp. N. Y. and Res. House Officer, 1902-03.—Attend. Phys. Glens Falls Hosp. and Physician, Glens Falls, New York.

Haynes, Mabel Stevens — (Mrs. Rudolf Leick), A. B. Bryn Mawr 1898; Asst. Disp. Mass. Gen'l Hosp. 1902-03; Student of Med. Vienna, 1904-05; Dermatol. Wilkes St. Free Disp. and Trinity Disp. Boston, 1906-07. — Vienna, Austria.

Hirshberg, Leonard Keene—A. B. 1898, A. M. Loyola 1912.—Physician, 1937 Madison Ave., Baltimore.

Horst, Carl Herman — A. B. Stanford 1898; R. H. O. 1902-03; State Bacteriol. Montana, 1904-05; Res. Phys.

Insane Asyl. State of Montana, 1905-06; City Health Officer and Phys. and Surg. Butte, Mont. 1906-1916.—Physician, Oakland, Cal.

Hyman, Solomon—S. B. California 1898; House Surg. Mt. Sinai Hosp. N. Y. 1903-05; Adjunct Surg. Mt. Zion Hosp. 1905-10; Instr. in Surgery, Cooper Med. Coll. 1905-12; Clin. Instr. in Surg. Stanford Univ. 1912-13.—Surgeon, 135 Stockton St., San Francisco.

Jelke, William Frederick—Ph. B. Yale 1898; Asst. Res. Surg. Lakeside Hosp. Cleveland, 1902-03; Dmnstr. in Anat. Cornell, 1904-05.—Physician, Clinton Springs Ave., Cincinnati.

Jones, Thomas Monroe—A. B. Indiana Univ. 1898; Student, Heidelberg, Germany, 1894-97; House Officer, St. Mark's Hosp. N. Y. 1902-03; Interne, King's Co. Hosp. Brooklyn, 1903-05; Graduate Student, Vienna, Austria, 1909-10.—Surgeon, Union Bldg., Anderson, Ind.

Karsted, Alfred—A. B. Stanford 1898; House Surg. German Hosp. N. Y. 1902-04; Res. Phys. Murray Hosp. Butte, 1907-11.—Physician, Butte.

Kimball, Arthur Herbert—S. B. Amherst 1897, and A. M. 1903; F. A. C. S. 1914; Res. Phys. Eye, Ear and Throat Charity Hosp. Baltimore, 1902-03.—Visit. Oculist, Government Hosp. for the Insane; Assoc. in Ophthalmology, Episcopal Eye and Ear Hosp. and Phys. Washington, D. C.

Lehr, Louis Charles—A. B. 1898; Clinical Asst. G.-U. Surg. and Asst. in Gynecol. Dr. Kelly's Sanitarium. 1902-04.—Physician, 1737 H St. N. W., Washington, D. C.

L'Engle, Edward McCrady — A. B. St. John's 1897; Grad. Student, 1897-98; Asst. Res. Phys. Phila. Polyclinic Hosp. 1902-03; Pathol. Polyclinic Hosp. Dmnstr. Pathol. Medico-Chir. Coll. Asst. Pathol. Phila. Hosp.—Physician, 2756 St. John Ave., Jacksonville, Fla.

Litchfield, George Victor, Jr. — A. M. Randolph-Macon 1897; Phys.-Surg. Lick Creek and Lake Erie R. R. and Dawson Coal and Coke Co. St. Paul, Va. 1902-03; Surg. N. and W. R. R. Tidewater, Bottom Creek, King Coal Co. and Big Four C. and C. Co. and Laurel Creek Lumber Co. Kimball W. Va. 1908.—Physician, Abingdon, Va.

Lootz, Emma—(Mrs. W. G. Erving), A. B. Smith 1897.—Physician, 922 Farragut Sq., Washington, D. C.

Ludlum, Seymour DeWitt—S. B. Rutgers 1897; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1902-03; First Asst. Res. Phys. Friends' Asylum for the Insane, Frankford, 1903-06.—Assoc. in Neurol. and Neuropathol. Univ. of Penna. and Phys. Psycho-Path. Wds. Phila. Hosp. Phila.

Lyle, Annie Galloway—A. B. Stanford 1895; Asst. Voluntär, Vienna, 1902-03; Asst. Children's Clinic, Univ. of Calif. 1904-05; Phys. Juvenile Court, 1905-11.—Phys. to Board of Education, and Physician, 1150 Franklin St., San Francisco.

MacGregor, George Malcolm—S. B. Wisconsin 1894; R. H. O. Church Home and Infirmary, Balto. 1905-07.—Physician, Garfield, Wash.

Marshall, Samuel Andrew—A. B. Yale 1898; Surg. House of Relief, N. Y. Hosp. 1902-03.—Asst. Attend. Phys. St. John's L. I. City Hosp. and Physician, L. I. City, New York.

McFarland, John Scott — Ph. B. Yale 1898.—Physician, 193 Cleveland Ave., Buffalo, N. Y.

Meisenhelder, Edmund Webster—A. B. Penna. Coll. 1898; Harvard Summer School, 1898; R. H. O. 1902-03; Interne, Barnes Hosp. U. S. Soldiers' Home, Washington, D. C. 1903-04; Res. Phys. Lakeside Hosp. Cleveland, 1904-05; Graduate Student, Europe, 1909-10.—Surg. W. Side Sanitarium, York, Pa.

Meisenhelder, John Elmer—S. B. Penna. Coll. 1897; Grad. Student, 1897-98; House Surg. Moses Taylor Hosp. Scranton, Pa. 1903-04; Res. Surg. Hosp. U. S. Soldiers' Home, Washington, D. C. 1904-10; Grad. Student, Charite Hosp. Berlin, Germany, Univ. of Vienna and Univ. Hosp. London, 1910-11. — Physician, 28 Frederick St., Hanover, Pa.

***Ocshner, Henry William**—S. B. Wisconsin 1898; R. H. O. 1902-03. **Nov.* 25, 1902.

Reed, Edward Hiram — A. B. Cornell 1898; Asst. Res. Phys. St. Luke's Hosp. N. Y. 1903.—Ped'n Freedman's Hosp. Prof. Ped. Howard Univ. Phys. Bd. Chldn's Guardians, and Physician, Washington, D. C.

Riggins, Edwin Nicholas—A. B. Williams 1897; Interne, House of Relief, N. Y. Hosp. 1903-04.—Adjct. Attend. Physician and Registrar, St. Mary's Hosp. Phys. Out-Patient Dept. Mem. Hosp. Med. Exam. Union Cent. L. I. Co. and Physician, Orange, N. J.

Rogers, Carey Pegram — A. B. Wake Forest 1897; Grad. Student, 1897-98; (F. A. C. S.) R. H. O. 1902-03.—Gyne. St. Luke's Hosp. Surg. in Chf. Riverside Hosp., Jacksonville, Fla.

Rushmore, Stephen—A. B. Amherst 1897; Externe, 1902-03; Asst. Res. Gynecol. 1903; House Phys. Hudson St. Hosp. N. Y. 1904; House Surg. St. Mary's Hosp. for Children. N. Y. 1905; Res. Gynecol. 1905-06; House Officer, Boston Lying-in Hosp. 1907.—Visit. Gynecol. Carney Hosp. Boston; Assoc. Prof. Gynecol. Tufts Coll. Med. Sch. Consult. Gynecol. Semmes' Arlington Hosp. and Physician, Boston.

***Scholl, George Barr**—A. B. 1898; Externe, 1902-03, in chg. Lab. Balt. Eye, Ear and Throat Hosp. 1913-14; Pathol. Franklin Sq. Hosp. Health Officer and Physician. (*Died July* 9, 1914.)

Silverberg, Melville—A. B. California 1897; Asst. in Physiol.-Chem. Cooper Med. Coll. San Francisco, 1902; House Officer, City Hosp. Boston, 1903-04; Prof. G.-U. Coll. P. and S. 1909-15.—Physician, 209 Post St., San Francisco.

Simpson, John Nathan—A. B. Nashville 1893; Student Paris and Berlin, 1905.—Member Amer. Acad. Med. Prof. of Physiol. Dean of School of Medicine, West Virginia Univ. Dir. Hgy. Lab. State Board Health, Morgantown.

Steele, Harry Merriman—Ph. B. Yale 1894; Asst. in Ped. Univ. and Bellevue Hosp. Med. Coll. N. Y. 1902-04; Asst. in Pathol. Yale Med. Sch. 1902-07.—Instr. in Ped. Yale, and Asst. Attend. Phys. New Haven Hosp. and Physician, New Haven.

Tallant, Alice Weld—A. B. Smith 1897; Grad. Student, Mass. Inst. of Tech. 1897-98; Interne, New England, Hosp. Boston, 1902-03; Med. Exam. for the Gymnasium, Bates Coll. Lewiston, Me. 1903-05; Asst. Phys. Disp. of New Eng. Hosp. 1904-05.—Prof. of Obstet. Woman's Med. Coll. of Penna. and Obstet, in chief to Hosp. of Woman's Med. Coll. Phys. Girls' Dept. Glen Mills Schools, and Physician, Phila.

Van Arsdall, Condit Brewer—A. B. Kentucky Wesleyan 1894, and A. M. 1898; A. B. Michigan 1898.—Physician, 527 Poplar St., Harrodsburg, Ky.

Van Denburgh, John — A. B. Stanford 1894, A. M. 1895, and Ph. D. 1897; Hon. Curator, Dept. of Science; Act. Chief Children's Clinic, San Francisco Polyclinic, 1902-03; Visit. Phys. King's Daughter's Home for Incurables; Asst. Visit. Gynecol. St. Luke's Hosp. Surg. Telegraph Hill Neighborhood Assn. 1904-06.—Asst. Surg. San Francisco Polyclinic, and Physician, San Francisco.

Wight, Otis Buckminster—A. B. Stanford 1898; R. H. O. 1902-03.—Asst. Prof. Gynecol. Univ. of Oregon, and Physician, Portland.

Williams, Clara Louise—S. B. California 1897, and M. S. 1898; Interne, St. Luke's Hosp. San Francisco, 1902-03.—Physician, Berkeley, Cal.

Williams, Dudley—A. B. 1897; Grad. Student, 1897-98; Grad. Student (Pathol.), Harvard Med. School, 1902-03; Asst. Phys. and Phys. Baltimore, 1903-13.—Asst. Med. Exam. P. R. R. Altoona, Pa.

Wright, Charles Benjamin—A. B. North Dakota 1898; R. H. O. 1902-03.—Chief Staff, Wells Mem. Free Disp. Visit. Phys. Minn. City Hosp. and Physician, Minneapolis. (57)

Class Secretary—William G. Erving, 922 17th St., Washington, D. C.

1903

Bassett, Victor Hugo—A. B. Knox 1896; Grad. Student, Wisconsin and Michigan, 1897-98; Instr. in Bact. and Clin. Pathol. Northwestern, Chicago, 1903-04; Fellow in Pathol. 1904-05; Prof. Pathol. Wisc. Coll. P. and S. 1905-06; Assoc. Prof. Pathol. Milwaukee Med. Coll. and Asst. Supt. and Res. Pathol. Milwaukee Co. Hosp. Milwaukee, 1906-08.—Bacteriologist, City of Savannah, Ga.

Bixler, Lewis Clyde—A. B. Lafayette 1899, and A. M. 1902; R. H. O. 1903-04.—Physician, Highland Bldg., Pittsburgh.

***Blauvelt, Elizabeth Hedges**—A. B. Bryn Mawr 1896; Interne, N. Y. Infirmary for Women and Children, N. Y. 1903-05; Med. Missionary, Amoy, China, 1905-09. (Died, 1912, Saranac Lake, N. Y.)

Brush, Clinton Ethelbert, Jr.—S. B. New York Univ. 1899; R. H. O. and Asst. in Med. 1903-05.—Attend. Phys. Woman's Hosp. and Physician, Nashville.

Chatard, Joseph Albert—A. B. Loyola 1898; Grad. Student, 1898-99; Asst. Res. Phys. St. Joseph's Hosp. 1903-04.—Assoc. Phys. St. Agnes' Hosp. Dispen. Phys. Instr. in Clin. Med. and Physician, Baltimore.

Chinn, George Edward, Jr.—S. B. Central Coll. (Mo.), 1899; Clin. Asst. Sheppard and Pratt Hosp. Towson, 1903-04.—U. S. Pension Exam. Surg. Clin. Asst. St. Vincent's Hosp. Civil Serv. Exam. Phys. and Physician, Norfolk, Va.

Clark, Alfred Hull—A. B. Cornell 1899; House Surg. Hartford Hosp. Conn. 1903-05.—Physician, 139 Bryant St., Buffalo, N. Y.

Cornell, William Burgess—A. B. Chicago 1899; Externe, 1903-04; Asst. in Neurol. 1905-10; Prof. of Neurol. Woman's Med. Coll. (Balto.), 1907-10; Clin. Asst. 1904-05; Asst. Phys. Sheppard and Pratt Hosp. 1905-10; Asst. Phys. Danvers State Hosp. Hathorne, Mass. 1910-12; Exec. Secy. Mental Hygiene Soc. and Asst. Disp. Psychiatrist, and Physician, Baltimore 1912-16.—Med. Dir. N. Y. City Chldn's Hosp. and Sch. Randall's Is. N. Y.

Dewey, Emma Grace—S. B. Wellesley 1885, and A. M. 1894; Grad. Student, Chicago 1898-99; Interne, The Babies' Hosp. N. Y. Rockefeller Institute for Med. Research (Summer, 1903). — Pathol. and Radiog. Passavant Mem.

Hosp. and Path. Lab'y, Jacksonville, Illinois.

Dudley, Harlan—Ph. B. Oberlin 1897; Graduate Student, 1898. — Physician, Jefferson, O.

***Eddy, Dana Lee**—A. B. Yale 1898.—Leavenworth, Kans.

Fayerweather, Roades—A. B. Harvard 1899; Orthopedic House Surg. Carney Hosp. 1903-04.—Disp. Surg. Instr. in Clin. Orthopedic Surg. and Surgeon, Baltimore.

Fischer, John Somerville—A. B. 1898; and Grad. Student, 1898-99; Asst. Res. Phys. St. Joseph's Hosp. Balt. 1903-04.—Chief Med. Clinic, St. Joseph's Hosp. Disp. Assoc. in Diseases of Children, B. M. C. and Physician, Baltimore.

Gaenslen, Frederick Julius—S. B. Wisconsin 1899; Grad. Student, Harvard 1901; Interne, German Hosp. N. Y. 1903-06.—Attend. Orth. Surg. Staff, Milwaukee Children's Hosp. and County Hosp. Mem. Amer. Ortho. Assn. F. A. C. S. Assoc. Prof. Ortho. Surg. Marquette Univ. and Physician, Milwaukee.

Gaines, Lewis McFarland—A. B. and S. B. Hampden-Sidney 1898; Grad. Student, Univ. of Virginia 1898-99; First Asst. Surg. R. I. Hosp. Providence, and House Phys. Providence Lying-in Hosp. (three months), 1903-04; Prof. of Anat. and Physiol. Med. Dept. Wake Forest Coll. Supt. Wake Forest Hosp. N. C. 1904-08.—Assoc. Prof. Ment. Diseases and Clin. Neur. Sch. Med. Emory Univ. and Physician, Atlanta, Georgia.

Geraghty, John Timothy — A. B. St. Thomas Coll. 1895; Ph. B. St. Paul Seminary, 1897; Grad. Student, 1897-98; R. H. O. 1903-04.—Urol. in Chg. and Assoc. Prof. of Clin. Urol. Surg. Visit. G.-U. Surg. City Hosp. Bayview, and Surgeon, Baltimore.

Goldsborough, Francis Colquohoun—S. B. Princeton 1889; Interne in Obstet.; Asst. Res. Gynecol.; Obstet'n in chg. and Res. Obstet. 1903-07.—Instr. and Asst. Obstetrician, 1907-10. — Prof. Obstetrics. Univ. of Buffalo, and Physician, Buffalo, N. Y.

Grant, Justin Frank—Ph. B. Yale 1898; Prof. of Anat. and Pathol. Univ. of W. Va. Morgantown, 1903-10; Prof. Anat. Atlanta Coll. P. and S. Atlanta, 1910-12.—Dept. Exp. Med. Parke, Davis & Co., Boston.

Haskell, Louis Wardlaw, Jr. — A. B. 1899; Asst. in Surg. Pathol. 1903-04; House Officer, General Mem. Hosp. N. Y. 1905-06.—Assoc. Prof. Surg. Univ. of Tenn. Attend. Surg. Memphis City Hosp. and Baptist Mem. Hosp. and Physician, Memphis, Tenn.

Hirschfelder, Arthur Douglass — S. B. California 1897; Student in Paris and Heidelberg, 1898-99, and Berlin, 1906; R. H. O. 1903-04; Asst. in Med. Cooper Med. Coll. Asst. Phys. City and County Hosp. and Physician, San Francisco, 1904-05; Volun. Asst. in Med. 1905-06; Instr. and Assoc. in Med. in charge of the Physiol. Lab. of Med. Clinic, 1906-13.—Prof. Pharmacol. Univ. of Minnesota, Minneapolis.

Hopkins, Ross.—A. B. and S. B. Campbell Univ. 1897; A. B. Kansas State Univ. 1899; Grad. Student, Chicago 1899.—Physician, 217 W. Chestnut St., Independence, Kans.

Hutchins, Henry Talbot—A. B. Amherst 1899; R. H. O. Asst. Res. and Res. Gynecol. 1903-07; Asst. and Instr. in Gynecol. 1906-07. — Consult. Gyne. Rufus S. Frost Gen. Hosp. Chelsea and Mem. Hosp. Pawtucket (R. I.), Asst. in Gynecol. Harvard, and Physician, Boston.

Jones, Clement Levi—S. B. Washington and Jefferson 1899, and M. S. 1904; Clin. Asst. Med. Starling Med. Sch. Pathol. Hawkes Hosp. of Mt. Carmel, Columbus, O. 1903-06.—Direc. and Pathol. Springfield City Hosp. and Physician, Springfield, O.

Tayler-Jones, Louise — A. B. Wellesley 1896; M. S. Columbian 1898; Pediatrist, Columbia Hosp. Asst. in Pediatrics, Freedman's Hosp. Physician, Nat. Florence Home, Phys. Baby Hosp. Camp, and Physician, Washington, D. C.

Keidel, Albert—A. B. (Feb. 22) 1900; Clinical Asst. in Med. 1903-06.—Instr. in Clin. Med. and Disp. Surg. and Physician, Baltimore.

Lazenby, Maurice—A. B. (Feb. 22) 1900; House Phys. Church Home and Infirmary, 1903-05.—Assoc. in Obstet. Coll. P. & S. Asst. in Gynecol. Univ. of Md. Asst. in Clin. Urology, and Surgeon, Baltimore.

Loevenhart, Arthur Solomon—S. B. Kentucky State Univ. 1898, and M. S. 1899; Asst. and Assoc. in Physiol.-Chemistry, and Pharm. 1903-06; Associate Professor, 1906-08.—Prof. Pharm. and Toxicol. Univ. Wisconsin, Madison.

Long, Henry D.—A. B. Washington and Jefferson 1894, and A. M. 1897; Cornell Summer School, 1897; R. H. O. 1903-04; Asst. Surg. U. S. Public Health and Marine Hosp. Service, Ellis Island, N. Y. 1905-07.—Physician, 129 W. 46th St., N. Y.

Long, Margaret—A. B. Smith 1895; Grad. Student, Mass. Inst. Tech. 1896-97; Interne, N. Y. Infirmary for Women and Children, 1903-04.—Physician, 228 Metropolitan Bldg., Denver, Col.

***Lupton, Edward Janney Sidwell**—S. B. Columbian 1899; First Asst. Res. and Res. Physician, Columbia Hosp. Washington, D. C. 1903-04.

Lynch, Leo Augustine—A. B. Yale 1899; Asst. House Surg. Society Lying-in Hosp. N. Y. 1903-04; Interne, City

Hosp. Blackwell's Island, 1904-05.—Visit. Surg. Swedish Hosp. and Physician, Brooklyn, N. Y.

Manning, William Sanders—S. B. Columbian 1899; F. A. C. S. 1914; Clin. Asst. The Emergency Hosp. Washington, D. C. 1903-04; Ophthalmol. St. Luke's Hosp. and S. A. L. R. R. and Physician, Jacksonville, Fla.

Marshall, Watson—A. B. Princeton 1899. Oto-Laryngol. St. Margaret Mem. Hosp. and Dmnstr. in Laryn. U. of Pittsburgh Med. Sch. Pittsburgh.

Miller, Robert Talbott, Jr.—A. B. Amherst 1899; R. H. O. and Asst. Res. and Res. Surg. and Instr. in Surg. 1903-09.—Surg. to St. Francis' Hosp. to Tuber. League of Pittsburgh; Assoc. Prof. Surg. U. of Pittsburgh, and Surgeon, Pittsburgh, Pa.

Morse, Mary Elizabeth—A. B. Goucher College 1899; Res. Phys. Evening Disp. for Working Women, Balt. 1904-05; Asst. Phys. East. Mich. Asylum for the Insane, Pontiac, 1905-06; Asst. Pathol. Worcester State Hosp. Worcester, Mass. 1912-15; Path. State Hosp. Boston 1912-15.—Path. Boston State Hosp. Dor. Co.

Moulton, Willis Bean—A. B. Bowdoin 1899; R. H. O. 1903-04.—Fellow, Amer. Acad. Med. Instr. in Gynecol. Med. Sch. of Maine, Adj. Surg. Maine Gen's Hosp. Consult. Surg. Webber Hosp. Bedford; Consult. Surg. City Hosp. and Surgeon, Portland, Me.

Neagle, Harry Benjamin—A. B. Bowdoin 1899.—Asst. Phys. The Loomis Sanatorium, Liberty, N. Y.

Rainforth, Selden Irwin—S. B. Cincinnati 1899, and A. M. 1900; LL. B. N. Y. Law Sch. 1908; House Surg. Presby. Hosp. N. Y. 1904-05.—Attend. Dermatol. Vanderbilt Clinic, and Physician, N. Y.

Riggs, Theodore Foster—A. B. Beloit 1898; R. H. O. 1903-04; Asst. Res. and Res. Surg. Union Prot. Infirmary, Baltimore, 1904-07; Grad. Student, Berlin, 1907-08; Private Asst. to Dr. Elting, Albany, N. Y. 1908.—Attend. Staff, St. Mary's Hosp. Visit. Surg. Onida Hosp. and Surgeon, Pierre, South Dakota.

Riley, Benjamin Franklin, Jr.—S. B. Georgia 1898. — County Physician, Surg. Georgia R. R. and Physician, Thomson, Ga.

Robinson, George Canby—A. B. 1899; Asst. Dmnstr. of Anat. Cornell, Ithaca, N. Y. 1903-04; Res. Pathol. and Res. Phys. Penna. Hosp. 1904-08; Director, Pathol. Lab. Presbyterian Hosp. and Physician, Philadelphia, 1909-10; Res. Phys. Roskefeller Hosp. and Assoc. in Med. Rockefeller Institute, N. Y. 1910-13.—Assoc. Prof. Medicine, Washington Univ. St. Louis.

Rucker, Marvin Pierce—A. M. Randolph-Macon 1899; Virginia Med. Coll. 1899-00.—Assoc. Attend. Obstet. Mem. Hosp.; Instr. Obstet. Med. Coll. of Va. Surg. A. C. L. Ry. and Physician, Richmond, Va.

Schmitter, Ferdinand—A. B. Union Coll. 1899; Instr. in Anat. Univ. of Wisconsin, Madison, 1903-05; First Lieut. Med. Corps, U. S. A. Fort Egbert, Alaska, 1905-08.—Maj. Med. Corps, U. S. A., Columbus Barracks, O.

Schultz, Oscar Theodore—A. B. Indiana 1897; Res. Pathol. Charity Hosp. Cleveland; Brooklyn Inst. Biol. Lab. and Columbia Univ. N. Y. 1903-04; Dmnstr. and Instr. of Pathol. and Proto-zoölogy, Western Reserve Univ. Cleveland, 1904-10; Asst. Prof. Pathol. *ibid.* 1910-13; Patho. Methodist, Wise & Douglas Co. Hosps.; Prof. Pathol. and Bact. Univ. Nebr. Omaha 1913-16.—Director, The Nelson Morris Mem. Inst. for Med. Resch., Chicago.

Smith, Winford Henry—A. B. Bowdoin 1899; Res. Gynecol. The Lakeside Hosp. Cleveland, 1903-05; Hosp. Physician, N. Y. Dept. of Health, 1905-06; Supt. the Hartford Hosp. Conn. 1906-09; Gen'l Med. Supt. Dept. Bellevue and Allied Hospitals, New York, 1909-11.—Supt. J. H. Hospital.

Stevens, Alexander Raymond — A. B. 1896; R. H. O. 1903-04; Director, Analytical Lab. of Frazer & Co. N. Y. 1904-05; House Surg. Presbyterian Hosp. N. Y. 1907-08.—Asst. Attend. G.-U. Surg. Bellevue Hosp. Chief G.-U. Clin. Presb. Hosp. Instr. G.-U. Surg. N. Y. Univ. and Physician, N. Y.

Travis, Catherine Hutchison—A. B. McGill 1895; Grad. Student, Harvard Summer School 1899; House Officer, N. E. Hosp. for Women and Children, Boston, 1903-04.—Pathol. New Britain Hosp. and Physician, New Britain, Conn.

***Watson, Frank Hosford**—S. B. Wisconsin 1899; R. H. O. 1903-04. **Dec.* 15, 1909.

Young, Charles Whittier—S. B. Univ. of Illinois 1897; R. H. O. 1903-04.—Prof. Bacteriol. and Pathol. and Dean, Union Med. Coll., Peking, China.

(49)

Class Secretary—John T. Geraghty, 330 N. Charles St., Baltimore.

1904

Bacon, Jay Harvey—S. B. Knox 1900; Pathol. Lakeside Hosp. Cleveland, 1904-05.—Mbr. Staff, The Procter Hosp. Phys. The Crittenden Home; Surg. and Surgeon, Peoria, Illinois.

Baker, Theodore—A. B. Princeton 1900; Asst. Disp. Urologist, 1912-13.—Asst. Urologist St. Francis Hosp. and Physician, Pittsburgh.

Bean, Robert Bennett—S. B. Va. Polytech. Inst. 1900; Asst. in Anat. 1904-05; Instr. in Anat. Univ. of Mich. Ann Arbor, 1905-06; Assoc. Prof. Anat. The Philippine Med. Sch. Manila, 1907-10; Assoc. Prof. Anat. Tulane, 1910-14; Prof. Gross Anat. Tulane Univ. New Orleans 1914-16.—Prof. Anat. U. of Virginia.

Bennett, Ruth—(Mrs. L. S. Morgan), A. B. Illinois 1899, and Grad. Student 1899; Asst. Phys. and Surg. Tsing Kiang pu Hosp. Tsing Kiang pu, Kiang Pu Prov. China, 1905-09.—Med. Missionary Hai Chow via Chinkiang, China.

Bergland, John McFarland—S. B. Princeton 1900; Interne in Obstet. and Asst. Res. Obstet. 1904-06; Asst. in Obstet. 1906-12.—Visit. Obstet. Church Home and Infirm. Hebrew Hosp. and Hosp. Women of Md. and Physician, Baltimore.

Bonta, Maurice Buford—A. B. Ky. Wesleyan 1894; S. B. Michigan 1897; R. H. O. 1904-05; Res. Gynecol. Lakeside Hosp. Cleveland, 1905-06.—Med. Inspr. Public Schs. and Physician, Cleveland, O.

Brem, Walter Vernon, Jr.—S. B. N. Carolina 1896; Med. Dept. 1898-00; R. H. O. 1904-05; Phys. Ancon Hosp. 1905-07; Chief Med. Clin. Colon Hosp. Cristobal, C. Z. 1907-11; Prof. Pathol. and Bacteriol. Los Angeles Brch. of Med. Dept. Univ. Calif. 1911-14.—Dir. Sthn. Branch State Hygienic Lab. and Physician, Los Angeles.

Caldwell, Julius Alexander, Jr.—S. B. N. Carolina 1899; Med. Dept. 1899-00, and Summer Sch. 1900; R. H. O. and Asst. Res. Gynecol. 1904-06.—Physician, The Crescent, Montclair, New Jersey.

Carr, John Robert—A. B. N. Carolina 1899, Med. Dept. 1899-00, and Summer Sch. 1900; R. H. O. and Asst. Res. Surg. 1904-06.—Physician, 34 Erskine St., Detroit, Mich.

Casler, DeWitt Bellinger—A. B. Yale 1900; R. H. O. Asst. in Gynecol. and Asst. Res. Gynecol. 1904-08; Instr. in Gynecol. and Res. Gynecologist 1908-09.—Physician, 19 W. Chase St., Baltimore.

Edwards, Ralph Torrey — A. B. Knox 1897, and A. M. 1899; Bacteriol. Bureau of Science, Manila, P. I. 1905-08; Director, Gov't Serum Lab. Phrapatoom, Siam, 1908-10. — Physician, Elysian, Minn.

Egdahl, Anfin — S. B. Wisconsin 1900; Asst. Prof. of Pathol. and Bacteriol. Coll. of Med. State Univ. of Iowa, Iowa City, 1904-08.—Physician, 103 2d St. W., Menomonie, Wis.

Garwood, Harold Gould—S. B. Colorado 1900, and Med. Dept. 1900-01; R. H. O. Minnequa Hosp. Pueblo, Colo. 1904-05; Surg. Colo. Fuel and Iron Co. Redstone, Colo. 1905-06; Sec. Boulder Co. Med. Soc. Res. Surg. Nat. Fuel Co. Northern Coal and Coke Co. and Fox-Patterson Mining Co. Gorham, Colo. 1906-09.—Surgeon, 724 Metropolitan Bldg., Denver, Colo.

Greenbaum, Harry Seliger—A. B. 1899; Student, Univ. of Berlin 1899-00; Instr. in Med. and Asst. Phys. 1905-14.—Physician, 1614 Eutaw Place, Baltimore.

Giffin, Herbert Ziegler—S. B. Princeton 1900; R. H. O. 1904-05; House Officer, Child's Hosp. Philadelphia, 1905-06.—Physician, Mayo Clinic, Rochester, Minn.

Hemenway, Josephine—(Mrs. J. H. Kenyon), A. B. Pritchett Coll. 1898; Bryn Mawr 1899-00; R. H. O. 1904-05; Res. Phys. Babies' Hosp. 1905-11.—57 W. 58th St., New York.

***Kellogg, William Raphael Miles**—A. B. Adelbert 1898; Res. Phys. Seattle Gen'l Hosp. 1904-05. **Oct.* 14, 1908.

Lee, Kenelm Julius — S. B. Wisconsin 1900.—Physician, Fergus Falls, Minn.

Love, John Marion—A. B. and B. L. Hampden-Sidney 1899; Grad. Student 1899-00; Clin. Asst. Ophthalmol. Balt. Eye, Ear and Throat Charity Hosp. 1904-06.—Physician, New Monroe Bldg., Norfolk, Va.

Manwaring, Wilfred Hamilton — S. B. Michigan 1895, Univ. of Chicago, Summer Qrs. 1899-03; Fellow and Asst. in Pathol. Chicago 1904-06; Assoc. Prof. of Pathol. and Bacteriol. Indiana 1905-07; Traveling Fellow, Rockefeller Institute 1907-08, and Asst. in Pathol. and Bacteriol. 1910-13.—Prof. Bact. and Immunity, Leland Stanford Jr. Univ. Cal.

Marshall, Herman Weston—S. B. Mass. Institute Tech. 1897; R. H. O. 1904-05; R. H. O. and Ortho. H. O. Mass. Gen. Hosp. 1906-08; Resch. Asst. Carnegie Inst. Washington 1908.—Asst. Ortho. Disp. Mass. Gen. Hosp. and Ortho. Surg. Boston.

MacCarty, William Carpenter — S. B. Kentucky State 1900, and M. S. 1909; Pathol. Augusta Hosp. Berlin 1904-06.—Surg. Pathol. Mayo Clinic, Rochester, and Assoc. Prof. Pathol. U. of Minn., Minn.

***McGouldrick, Ernest Clare**—A. B. Yale 1900. **Jan.* 9, 1912.

Morgan, Lorenzo Seymour—S. B. Knox 1900; Asst. Phys. and Surg. Tsingkiang Pu Hosp. Tsingkiang Pu, Kiang Pu Prov. China, 1905-09.—Med. Missionary, Hai Chow via Chinkiang, China.

Morrison, James Francis—A. B. Harvard 1900; Interne, Conn. State Hosp. for Insane, Middletown, 1904; Interne, Kings Co. Hosp. 1904-06; Asst. Phys.

Conn. Hosp. for Insane, Middletown, 1906-08.—Neurol. Kings Co. Hosp. and Polhmaus Mem. Clinic; Assoc. Neurol. Brklyn. Hosp. and Disp. Bushwick Hosp. and Physician, Brooklyn, N. Y.

Nelson, Norman Oscar—S. B. Wisconsin 1900; Res. Phys. Monroe St. Hosp. Chicago, 1904-05.—Physician, 3 W. Main St., Madison, Wis.

Randolph, James Henry—A. B. Fla. State Coll. 1900; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1904-05; Asst. and Chief Phys. Fla. Hosp. for Insane, Chattahoochee, 1905-10.—Physician, St. James Bldg., Jacksonville, Fla.

Reed, Jewett Villeroy—S. B. Kentucky State Coll. 1900; R. H. O. 1904-05.—Asst. Prof. Surg. Indiana Univ. Sch. of Med. and Asst. Consult. Surg. City Hosp. A. A. Surg. U. S. Navy; Prof. Physiol. and Anat. Normal Col. No. Amer. Gym. Union, Indianapolis.

Remsen, Charles Mallory—A. B. 1899, and Grad. Student 1899-00; R. H. O. Asst. Res. Phys. and Asst. Surg. Pathol. 1904-10; Res. Surg. and Instr. in Surg. 1910-11.—Surgeon, Candler Bldg., Atlanta, Ga.

Ricker, William Gray—A. B. Yale 1900; House Surgeon, Montreal Gen. Hosp. Can. 1904-05; Visit. Phys. The Littleton Hosp. and Phys. Wells River, Vt. 1905-11. — Physician, St. Johnsbury, Vermont.

Rosencrantz, Esther—A. B. Leland Stanford Jr. 1899; Barnard Coll. 1899-00; Interne, N. Y. Infirmary for Women and Children, 1905-06.—Clin. Asst. Out-Pat. Dept. Brompton Hosp. for Consumption, etc. London, Eng. 1906-07; Asst. Attend. Phys. Tuberculosis Clinic, N. Y. Board of Health, 1907; Clin. Asst. P. G. Med. Sch. and Hosp. and Phys. N. Y. 1907-09.—Volun. Asst. in Med. U. of Calif. and Physician, 729 Jones St., San Francisco, Cal.

Sachs, Ernest—A. B. Harvard 1900; Interne, Mount Sinai Hosp. N. Y. 1904-05; Grad. Stud. Berlin, 1907; Clin. Clk. Nat. Hosp. London and Sir Victor Horsley's Lab. Univ. Coll. 1908; Neurol. Surg. Montefiore Home and Beth Israel Hosp. Adj. Asst. Surg. Bellevue Hosp. and Chief Surg. Clinic Out-Patient Dept. and Phys. N. Y. 1908-10.—Assoc. Surg. Barnes Hosp.; Chf. Surg. Clin. Wash. Univ. Disp.; Assoc. Prof. Surg. Washington Univ. Med. Sch. St. Louis.

Schell, Orville Hickok—A. B. Yale 1900; House Surg. Mount Sinai Hosp. New York, 1904-07; Med. Missionary, Changsha, Hunan Prov. China, 1907-08.—Assoc. Physician, New Rochelle Hosp. and Physician, New Rochelle, N. Y.

Stone, Harry Russell—Ph. B. Conn. Wesleyan 1899; Interne, Hudson St. Hosp. N. Y. 1904-05; House Phys. and Surg. Private Patients' Bldg. N. Y. Hosp. 1905-07; Deputy Attend. Phys. Hudson St. Hosp. 1909-10.—Mbr. Acad. of Med. and Physician, 450 Riverside Drive, New York.

Storrs, Henry John—A. B. Amherst 1899; Interne, Asst. Res. Obstet. Res. Obstet. and Asst. 1904-09.—Phys. in charge, St. Louis Maternity Hosp. and Instr. Obstet. and Gynecol. Washington, Univ. St. Louis.

Taneyhill, George Lane, Jr.—A. B. 1900; Externe, 1904-05; Asst. Phys. and Asst. in Med. 1905-09.—Instr. in Clin. Neurol. Disp. Neurol. and Physician, Baltimore.

Terry, Benjamin Taylor—A. B. Vanderbilt 1898, and A. M. 1900; Univ. Chicago, Summer Qrs. 1900-1902, and 1904; Univ. of Freiburg, i. B. Summer, 1901; Harvard Med. Sch. Summer, 1903; Fellow in Pathol. Chicago, 1904-05; Grad. Student, Univ. Mich. Summers 1905,1908, 1911 and 1912; Grad. Student, Columbia Univ. 1905-06; Univ. of Munich and Pasteur Institute, Paris, 1906-07; George Speyer Haus, Frankfurt a. M. 1910; Fellow and Asst. Rockefeller Inst. 1906-10; Assoc. in Protozoölogy, Rockefeller Institute for Med. Resch. N. Y. and Co-Editor, Jour. Exp. Med. 1911-13.—Director Laboratories, Kings Co. Hosp. Brooklyn and Instr. in Path. Columbia, N. Y.

Thompson, William Lawton—A. B. Bowdoin 1899; House Surg. City Hosp. Worcester, Mass. 1904-05; Surg. Soc. Lying-in Hosp. N. Y. 1905-06; Dist. Phys. Boston Disp. and Asst. in Path. and Bact. and Instr. in Obstet. Tufts Coll. Med. Sch. 1906-12.—Visit. Obst. Mt. Sinai Hosp. 1906-12.—Physician, 620 Riverside Drive, New York.

Tyler, George Thomas, Jr.—A. B. Randolph-Macon 1896, and A. M. 1897; Summer Sch., Columbian Univ. 1899; Interne, Union Prot. Infirmary, Balt. 1904-06; Contract Surg. U. S. A. Fort Porter, N. Y. 1906-11. — Surgeon, Greenville, S. C.

Vogeler, William Jerome—A. B. Yale 1900; Res. Phys. St. John's Riverside Hosp. Yonkers, N. Y. 1904-06; Interne, Nursery and Child's Hosp. N. Y. 1906-07. — Attend. Phys. St. John's Riverside Hosp. and Sprain Ridge Hosp. for Tuberculosis, Clin. Asst. Vanderbilt Clinic, N. Y. Consult. Phys. Co. Hosp. Westchester, and Physician, Yonkers, N. Y.

Washburn, Robert Glendenning — S. B. Wisconsin 1900; Wisc. Coll. P. and S. 1900-01.—Dermatol. Milwaukee Co. St. Mary's and Maternity Hospitals; Prof. Dermatol. Marquette Univ. and Physician, Milwaukee.

Weaver, Louis Schneider—A. B. Pa. Coll. 1899, and Yale 1900; House Surg. R. I. Hosp. Providence, 1904-06.—Staff, York Hosp. and Penna. State Tuberculosis Disp. and Physician. York, Pa.

Willock, John Scott—S. B. Princeton 1900; Res. Phys. Allegheny Gen. Hosp. Pa. 1904-05; Physician, Hampson & Smith, Railroad Contractors, Mexico, 1907; Waverly Oil Wks. Co. Pittsburgh, Pa., 1907-12.—Instr. in Clin. Dermatol. and Asst. Disp. Dermatol.

Wilson, Walter Scott — A. B. N. Ga. Agricult. Coll. 1880; A. M. Univ. of Ga. 1884; Grad. Student, 1893-94, and Univ. of Chicago, 1896-97.—Physician, 117 Jones St. W., Savannah, Ga.

Wilson, Winfred — A. B. Weatherford Coll. 1900.—Physician and Surg. Wilson Sanitarium, Memphis, Tex.

———— (45)

Class Secretary—DeWitt B. Casler, 9 W. Chase St., Baltimore, Md.

1905

Abercrombie, Ronald Taylor—A. B. 1901; Res. Phys. Church Home and Infirmary, 1905-06.—Director of the Gymnasium, Instr. School Hygiene, Summer Sch. J. H. U. Asst. Dispen. Surg. and Physician, Baltimore.

Baer, Clarence Allen—B. L. Wisconsin 1900, and S. B. 1901; Michigan, Summer of 1901; Grad. Student, Univ. of Paris, 1905-06; Asst. St. Louis Hosp. Paris, 1906-07; Externe in Dermatol. 1907.—Physician, 128 Wisconsin St., Milwaukee, Wis.

Baldauf, Leon Kahn—A. B. 1901; Asst. Bender Hygienic Laboratory, and Instr. Bact. and Pathol. Albany Med. Coll. Albany, N. Y. 1905-07; Asst. City Pathol. St. Louis, 1907-10.—Prof. Pathol. and Bact. Univ. Louisville, Ky.

Ballou, Alice May — (Mrs. George W. Eliot), Ph.B. Brown 1900, and A. M. 1901; Interne, New England Hosp. Roxbury, 1905-06.—Weston, Mass.

Beall, Khleber Heberden—S. B. and M. S. Texas 1899; R. H. O. and Asst. Res. Phys. 1905-07.—Physician, 1600 Sunset Ave., Fort Worth.

Bernheim, Bertram Moses—A. B. 1901; Asst. in Surgery, 1913.—Instr. in Clin. Surg. Dispen. Surg. and Surg. Vis. Surg. U. P. I., Church Home and Infirm. and Hebrew Hosp. Baltimore.

Constantine, Kosciusko Walker — A. B. 1901, Grad. Student Vienna and London, 1905-07; F. A. C. S. 1913.—Prof. Ophthalmol. Grad. Sch. of Med. Univ. of Ala. Oculist, Hillman and St. Vincent's Hosps. Ophthal. Surg. Birmingham, Ala.

Cowles, Calvin Duvall, Jr.—A. B. Guilford Coll. 1900, and North Carolina 1901; Interne in Obstet. 1905-06.—Capt. Med. Corps, U. S. A. Fort Sam Houston, Tex.

Cutter, William Dick—A. B. Yale 1899; Student, Univ. of Bern 1900; Interne, French Hosp. N. Y. 1905-06; Asst. Physician, Hosp. Dep. Copper Queen Con. Mining Co. Bisbee, Ariz. 1906-09.—Prof. Physiol. and Pharm. Univ. Ga. Augusta.

Danforth, Murray Snell—A. B. Bowdoin 1901; Interne, R. I. Hosp. Providence, 1906-08. — Surg. Dept. Ortho. Surg. and Asst. Pathol. Radiographic Work, R. I. Hosp. Consult. Ortho. Surg. Providence Hosp. Asst. Ortho. Surg. O. P. D. Mass. Gen'l Hosp. and Physician, Providence.

Dascombe, Otho Lee — A. B. Bowdoin 1901; Res. Phys. and Surg. Externe, Waltham Hosp. Mass. 1905-08.—Asst. Phys. *ibid.* Visit. Phys. Waltham Baby Hosp. and Physician, Waltham, Mass.

Davenport, Howard Irving—A. B. Hamilton 1901, and A. M. 1904; Instr. Bacteriol. and Pathol. Syracuse Univ. Med. Sch. Syracuse, N. Y. 1905-06; County Bacteriol. Ont. Co. Lab. Canandaigua, N. Y. 1906-09.—Pathol. City Hosp. Physician and City Bacteriol. Auburn, N. Y.

Davidson, Homer J.—S. B. Wabash 1899, and A. M. 1910; Res. Phys. Seattle General Hospital, Wash. 1905-06.—Physician, Amer. Bank Bldg. Seattle.

Dodds, Solon Arthur—Ph. B. Wesleyan (Conn.), 1901; Interne in Obstet. and Asst. Res. Gynecol. 1905-07; Physician, Salisbury, N. C. 1907-10; Asst. in Obstetrics, 1912-14. — Physician. 3101 Clifton Ave., Baltimore.

Dowman, Charles Edward, Jr. — A. B. Emory 1901; Student, Vanderbilt 1901; F. A. C. S. (1914); Path. Inst. Charlottenburg Krankenhaus, Berlin, 1905-06; Vol. Asst. Univ. Chirurg. Klin. Breslau, 1906-07; Clin. Clk. Nat. Hosp. for Paralytics and Epileptics, London, 1907; Visit. Surg. and Pathol. Hillman Hosp. 1909-13; Prof. Pathol. B'ham Med. Coll. 1911-13; Surg. Hillman Hosp. Assoc. Surg. Grad. Dept. U. of Ala. 1913-15.—Instr. Clin. Surg. and Dmnstr. Surg. Path. Emory Univ. Vis. Surg. Wesley Mem. Hosp. and Surg. Atlanta, Ga.

Eyster, John Augustine English—S. B. Maryland Agricultural 1899; Grad. Student, 1899-01; Fellow, Asst. Instr. and Assoc. in Physiol. 1905-08; Prof. of Pharmacol. Univ. of Virginia, Charlottesville, 1908-10. — Prof. Physiol. Univ. Wis. Madison.

Faris, Clifton Maupin — A. B. Leland Stanford, Jr. 1900; R. H. O. 1905-06; Asst. Dr. H. A. Kelly's Sanitarium (Balt.) 1906-07. — Surgeon, Sacramento, Cal.

Ford, Frederick Reynolds—S. B. Colgate 1901; R. H. O. 1905-06.—Pathol. St. Luke's Hosp. Physician, Utica, N. Y.

Freeman, Allen Wier—S. B. Richmond 1899; Grad. Student, 1900-1901; Interne, Newark City Hosp. N. J. 1905-06; Asst. Com. Health, State of Va. 1908-15.—Epidemiol. U. S. Pub. Hlth. Serv. Washington, D. C.

Gilman, Philip Kingsnorth—A. B. Leland Stanford Jr. Univ. 1901; Asst. in Oper. Surg. (H. L.) and Asst. Res. Surg. 1905-07; Asst. Prof. Path. and Prof. Surg. Philippine Gen'l Hosp. 1907-12.—Prof. Surg. Coll. Med. and Surg. Univ. of Philippines; Chief Surg. Philippine Gen'l Hosp. Manila, P. I.

Grier, Sarah Mabel—(Mrs. C. B. Lesher), A. B. Bucknell 1901, and A. M. 1904; Res. Phys. Syracuse Hosp. N. Y. 1905-06.—Med. Missionary, Amer. Baptist Mission, Swatow, China.

Hale, Edith—(Mrs. W. B. Swift), A. B. Radcliffe 1901; Interne, New England Hosp. Roxbury, 1905-06; Grad. Student, Berlin, Ger. 1908-10.—Attend. Phys. N. Eng. Hosp. and Disp. Med. Dir. Boston Chldn. Aid Soc. and Physician, Boston.

***Hall, Francis Jenks**—A. B. Yale 1899; Interne, Methodist Episcopal Hosp. Philadelphia, 1905-06. **May*, 1913.

Haller, Julius Theodore—S. B. Chicago 1901; F. A. C. S., Grad. Student, Vienna, Austria 1910.—Physician, Security Bldg., Davenport, Iowa.

Hempsted, Helen—A. B. Allegheny Coll. 1900; Cornell 1900-01; Interne, N. Y. Infirm. 1905-06; Asst. Phys. Babies' Hosp. N. Y. 1906-07.—Physician, Euclid-Doan Bldg., Cleveland, O.

Hepburn, Thomas Norval—A. B. Randolph-Macon 1900, and A. M. 1901; F. A. C. S., 1914; Interne, Hartford Hosp. Conn. 1905-07.—Asst. Surg. Hartford Hosp. and Surgeon, Hartford.

Higgins, Reuben Paul — A. B. Cornell 1902, and Med. Dept. 1900-02.—Ophthalmol. Cortland Hosp. and Children's Home, and Physician, Cortland, N. Y.

Hooker, Donald Russell — A. B. Yale 1899 and M. S. 1901; Grad. Student, Berlin, 1905-06; Asst. Instr. and Assoc. in Physiol. 1906-10.—Mng. Editor, Amer. Jour. Physiol. and Associate Professor.

Houghton, Henry Spencer—Ph. B. Ohio State 1901; Asst. Rockefeller Institute for Med. Research, N. Y. 1905-06; Phys. Wuhu Gen'l Hosp. China, 1906-11; Dean and Prof. Trop. Med. Harvard Med. Sch. of China, Shanghai, 1912-16.—China Med. Bd. Rockefeller Fndn.

Lankford, Henry Marshall—A. B. Western Maryland 1901, and A. M. 1905.—Physician, Princess Anne.

Lawson, George Bilton—A. M. Randolph-Macon 1899; Res. Phys. Kings Co. Hosp. Brooklyn, N. Y. 1905-07.—Physician, Roanoke, Va.

Leopold, Eugene Joseph — A. B. 1901, Grad. Student. Berlin; "Volunteer" Stadisches Krankenhaus, Munich, and Grad. Student, London, 1905-07. — Visit. Phys. Hebrew Hosp. Dispen. Phys. and Asst. in Clin. Med. and Physician, Baltimore.

Marine, David—A. B. Western Maryland 1900; Grad. Student, 1900-01; Res. Pathol. The Lakeside Hosp. Cleveland, 1905-06; Dmnstr. Neuropath. 1906.—Assoc. Prof. Exp. Med. Western Reserve Univ. and Physician, Cleveland.

Martelle, Henry Augustus—A. B. Bowdoin 1901; House Officer, Hartford Hosp. Conn. 1905-07.—Physician, 10 Garden St., Hartford, Conn.

McDonald, Archibald Leete—A. B. North Dakota 1901; Asst. Prof. in charge of Anat. Univ. of North Dakota, and Physician, Grand Forks, 1905-11.—Gyne. Duluth Free Disp. and Physician, Fidelity Bldg., Duluth, Minn.

Meyer, Arthur William—B. S. Wisconsin 1898; Asst. and Instr. in Anat. 1905-07; Asst. Prof. Anat. Univ. of Minn. Minneapolis, 1907-08; Prof. Anat. N. W. Univ. Med. Sch. Chicago, 1908-09.—Prof. Human Anat. Stanford Jr. University, Stanford Univ. Cal. Palo Alto.

Moss, William Lorenzo—S. B. Georgia 1901; R. H. O. and Asst. Phys. J. H. Disp. 1905-07; Grad. Student, Berlin, 1907; Instr. in Med. in charge Research Lab. Phipps Disp. 1908-10; Assoc. in Clin. Med. and Asst. Res. Physician, 1910-14.—Internist, State Instn. Study Malig. Diseases, Buffalo, N. Y.

Mumford, Eugene Bishop—S. B. Wisconsin 1901; Res. Phys. Children's Hosp. Boston, 1905-06; Interne, Governeur Hosp. N. Y. and Ship Surg. Booth Steamship Co. 1906-08.— Director, Bureau Contag. Diseases, City Board Health, 1908-12; Physician, Children's Aid Assn. Visit. Pediatrician, City Hosp. 1910-14; Res. Surg. Children's Hosp. Boston, 1913-14.—Asst. Clin. Orthoped. Ind. Univ. Sch. Med. Orthop. Surg. City Hosp.; Mbr. City Bd. Health; Orthop. Surg. Indianapolis.

Paullin, James Edgar, Jr.—A. B. Mercer 1900, Grad. Student, 1900-01; Res. Pathol. R. I. Hosp. Providence, 1905-06; Asst. Prof. Pathol. Atlanta Coll. P. and S. Pathol. Ga. State Bd. Health, 1907-11; Asst. Visit. Physician, Grady Hosp. Adj. Prof. Med. Atlanta Med. Coll. 1913-15.—Prof. Clin. Med. Emory Univ. Atlanta, Ga.

Rehberger, George Edward—A. B. 1901; Jr. Asst. Craig Colony for Epileptics, Sonyea, N. Y. 1906-09.—Physician, Ymir, B. C. Cana.

Richardson, Edward Henderson — A. B. Hampden-Sidney 1900; Grad. Student, J. H. U. 1900-01; R. H. O. Asst. Res. and Res. Gynecol. and Instr. 1905-12. —Asst. Visit. Gynecol.; Assoc. in Clin. Gynecol. Gynecol. in chg. and Physician, Baltimore.

Ricksher, Charles—S. B. Parsons Coll. (Ia.) 1901, M. S. 1905; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1905-06; Student, Munich and Zürich, 1906-07; Asst. Physician, Danvers State Hosp. Hathorne, Mass. 1907-10; Chief of Clinic, Neurol. Institute, N. Y. City, 1910-11; Asst. in Clinical Psychiatry, Manhattan State Hosp. Ward's Island, N. Y. 1911-12; Asst. Physician, Kankakee State Hosp. Hospital, Ill. 1912-13.—Pathol. State Psychopath. Inst. Kankakee, Ill.

Rindlaub, Martin Phillip, Jr.—B. L. Wisconsin 1896; Chicago 1897 and 1900; Berlin 1900-01.—Oculist, Fargo, N. D.

Rous, Francis Peyton—A. B. 1900; R. H. O. 1905-06; Instr. in Pathol. Univ. of Mich. Ann Arbor, 1906-08; Asst. and Assoc. Rockefeller Inst. 1909-12.—Assoc. Member in Pathol. and Bact. The Rockefeller Inst. for Med. Research, N. Y.

Schloss, Oscar Menderson—S. B. Alabama Polytechnic 1901; Res. Phys. Kings Co. Hosp. Brooklyn, N. Y. 1905-07; Res. Phys. Nursery and Child's Hosp. N. Y. 1907-08.—Asst. Attend. Pediatrist, N. Y. Nursery and Child's Hosp. Attend. Phys. Childn. Disp. and Adj. Asst. Visit. Phys. Childn's Ward, Bellevue; Asst. Pediatrics, Coll. P. & S. Columbia, and Physician, N. Y.

Slocum, Robert Barnard—Ph. B. Rochester 1900, and Grad. Student 1900-01; R. H. O. 1905-06; Supt. Walker Mem. Hosp. Wilmington, 1906-08.—Surg. A. C. L. Visit. Surg. Walker Mem. Hosp. and Surgeon, Wilmington, N. C.

Smead, Lewis Frederick—A. B. Wooster 1901; Summer Sch. Wisconsin 1901; Senior Res. Phys. Union Protestant Infirmary, Baltimore, 1905-07.—Surg. St. Vincent's and Toledo Hospitals, and Physician, Toledo, O.

Stone, Charles Walter—A. B. Washington and Jefferson 1901, and A. M. 1904; Interne and Res. Phys. Lakeside Hosp. Cleveland, 1905-08; Dmnstr. in Med. West. Reserve, 1908; Grad. Student, Berlin, Paris, London, 1908-09; Instr. Nerv. Diseases, Western Reserve, 1909, and Lect. and Asst. Prof. of Nervous Diseases, 1910-12.—Visit. Neurol. Cleveland City Hosp. Physician in charge Disp. for Nervous Diseases, and Visit. Neurol. Lakeside Hosp. Visit. Pathol. Huron Road Hosp. and Physician, Cleveland.

Towles, Caroline Benson—A. B. Woman's College of Baltimore 1893; Grad. Student, Prague, 1905-06; Asst. in Pediatrics, 1913-14.—Asst. Clin. Med. Disp. Phys. and Physician, Baltimore.

Vander Hoof, Douglas—B. L. Dartmouth 1901, and A. M. (Hon.) 1907; R. H. O. 1905-06.—Prof. of Med. Med. Coll. of Va. Attend. Phys. Mem. Hosp. Consult. Phys. Johnston Willis Hosp. Phys.-in-chf. Va. Hosp. and Physician, Richmond, Va.

Whipple, George Hoyt—A. B. Yale 1900; Asst. and Assoc. in Pathol. and Asst. Res. Pathol. 1905-10; Pathol. Ancon Hosp. C. Z. 1907-08; Assoc. Prof. of Pathol. and Res. Pathol. 1910-14.—Director, Hooper Foundation Med. Resch.; Prof. Resch. Med. U. of Cal. San Francisco.

Wiel, Harry Isaac—A. B. Leland Stanford Jr. 1900; Student, Harvard 1901; R. H. O. 1905-06.—Phys. in chg. Pacific Hebrew Orphanage, and Physician, San Francisco.

Youtz, Hiram LaMont—Ph. B. Brown 1900, and A. M. 1901; Member of Staff, Moline City Hosp. Lect. Anat. City Hosp. Sec. Rock Island Co. Med. Soc. and Physician. Moline, Ill. 1905-08.—City Physician, Willow City 1915. —Supt. Bottmeau Co. Bd. Hlth. N. D.

Rhea, Lawrence Joseph—S. B. Texas 1901; 1st Asst. in Pathol. City Hosp. Boston; Instr. in Pathol. Harvard.—Assoc. Prof. Path. McGill Univ. and Dir. Path. Lab. Montreal Gen. Hosp. Montreal, Canada. (*Degree conferred February* 22, 1906.) (54)

Class Secretary—Edward H. Richardson, 216 E. Preston St., Baltimore, Md.

1906

Adsit, Henry — A. B. Princeton 1902; Non-resident Surgeon, St. James' Hosp. Hornells, N. Y.—Surgeon, 127 Allan St., Buffalo, N. Y.

Ainley, Frank C. — S. B. Drake 1902; R. H. O. 1906-07; House Physician, Lakeside Hosp. Cleveland, 1907-08; Asst. Res. Obstetrician, 1908-09; Asst. in Obstet. and Res. Obstetrician, 1909-10.—Physician, Brockman Bldg., Los Angeles.

Appleton, Vivia Belle — A. B. Cornell 1901, and Med. Dept. 1901-02; Interne, N. Eng. Hosp. for Women and Children, and Grad. Student, Harvard 1906-07; Grad. Student, London and Berlin, 1907-09; Interne, Babies' Hosp. New York, 1909-11; Grad. Student, Enfants Malades, Paris, 1911-12.—Asst. in Pediatrics, U. of Calif. San Francisco.

Bancroft, Frederic Wolcott—A. B. Leland Stanford Jr. 1902; Interne, The Roosevelt Hosp. N. Y. 1906-08; Interne, The Sloane Maternity Hosp. N. Y. 1908-09.—Assoc. Surg. N. Y. Hosp. Asst. in Surg. Columbia, and Surgeon, 8 E. 54th St., New York.

Bass, Herschel Winston—S. B. Alabama Polytechnic 1901, and M. S. 1902; Brad. Student, Berlin, 1906-07.—Physician, Gadsden, Ala.

Beall, Francis Cooke—S. B. Texas 1902; R. H. O. 1906-07, F. A. C. S.—Surgeon, 1420 N. Ballinger St., Fort Worth, Tex.

Beasley, Edward Bailey—A. B. 1902; Dr. P. H. Harvard 1911; Res. Phys. The Leigh Hosp. Norfolk, Va. 1906; Interne, Willard Parker Hosp. (N. Y. Health Dept.), and Asst. Surg. Woman's Hosp. N. Y. 1907.—Physician, 2901 N. Calvert St., Baltimore.

Beeuwkes, Henry—A. B. 1902; House Phys. and Surg. Hudson St. Hosp. N. Y. 1906-07; House Surg. N. Y. Hosp. 1907-09.—Capt. Med. Corps, U. S. Army, Attend. Surg. Office, Washington, D. C.

Blackman, Julian Raymond—A. B. Nebraska 1902; Asst. in Physiol. Wisconsin, Madison, 1906-08; Physician, Hastings, Neb., 1908-09; Asst. Res. Gynecol. 1909-10; Resident, Dr. Kelly's Private Hosp. Baltimore, 1910-12.—Physician, Hastings, Neb.

Bogart, Phoebe May—(Mrs. Van Voast), A. B. Wellesley 1902; Interne, Woman's Hosp. Detroit, until Jan. 1907; Interne, Syracuse Hosp. N. Y. 1907-08.—Asst. Children's Div. Presbyterian Hosp. Disp. Physician, New York.

Brown, Edwards Bennett—A. B. Beloit 1901; Wis. Coll. P. and S. 1901-03.—Phys. to Beloit Coll.; Med. Inspect. Beloit Pub. Schs. and Physician, Beloit, Wisconsin.

Burlingham, Louis Herbert—A. B. Yale 1902; Med. House Officer, Mass. Gen'l Hosp. 1906-07; Asst. Res. Phys. Mass. Gen'l Hosp. Boston, 1907-12; Asst. Administr. Mass. Gen. Hosp. 1912.—Asst. Supt. Peter Bent Brigham Hosp. Boston.

Byrnes, Charles Metcalfe—S. B. North Carolina 1902; Adj. Prof. of Anat. Virginia, Charlottesville, 1906-09.—Dispen. Neurol. Instr. in Clin. Neurol. and Physician, Baltimore.

Caulk, John Roberts—A. B. St. John's 1901; Georgetown 1901-02; Interne and 2d Asst. Res. Union Protestant Infirmary, 1906-07; Asst. Res. Surg. J. H. H. 1908-09; Asst. to Dr. Young, 1907-10.—G.-U. Surg. St. Luke's Hosp. and Mullanphy Hosp. Instr. G.-U. Surg. Wash'g University; Editor, *Interstate Med. Jour.* Collab. Editor, *Surg. Gynecol. and Obstet.* and Surgeon, St. Louis.

Church, Franklin H.—A. B. Hamilton 1902, and A. M. 1905; Interne, Utica General Hosp. 1906-07; Asst. Gynecol. Utica Gen'l Hosp. Deputy Health Officer and Physician, Utica, N. Y. Physician in charge Univ. Penna. Expedition to S. Amer. 1913-14.—Physician, Boonville, N. Y.

Cobb, Oren Howard — A. B. Harvard 1902; Clin. Asst. Med. N. Y. P.-G. Hosp. 1906-07; Med. Inspect. Div. Child Hygiene, Dept. Health, N. Y. 1907-08; Res. Phys. N. Y. State Hosp. for Care of Crippled and Deformed Children, W. Haverstraw, N. Y. 1909-12.—Supt. Syracuse State Inst. for Feebleminded Children, Syracuse.

Coffen, T. Homer—S. B. Penn 1901, and M. S. 1905.—Instr. Clin. Pathol. Asst. in Med. Cornell Univ. Med. Coll. Asst. Visit. Phys. Bellevue Hosp. O. P. D. Asst. Visit. Phys. and Instr. in Medicine, the N. Y. Post-Graduate Hospital and Med. Sch. and Physician, N. Y. 1906-1913.—Physician, Stevens Bldg., Portland, Ore.

Cole, Herbert Phalon—A. B. St. Lawrence 1901; Student of Medicine, Minn. 1901-02 (F. A. C. S. 1914).—Assoc. Prof. Gynecol. Univ. Ala. and Gynecol. City Hosp. and Mobile Infirm. and Surgeon, Mobile.

Crispin, Egerton Lafayette—Ph. B. Illinois 1902; Res. Pathol. and Physician, Penn. Hosp. Phila. 1906-10.—Physician, Mayo Clinic, Rochester, Minn.

Cross, Ernest Samuel—A. B. Dartmouth 1901; R. H. O. 1906-07; Res. and Asst. Attend. Phys. Telfair Hosp. Savannah, Ga. 1908-09; Med. Dir. and Chief of Staff, *ibid.* 1910.—Phys. in charge, Aiken Cottage Sanatorium, and Physician, Aiken, S. C. (Nov. to May).

Cullen, Victor Francis—A. B. Rock Hill 1902, A. M. 1906; Res. Surg. St. Joseph's Hosp. Baltimore, 1906-08.—Supt. Md. Tuberculosis Sanatorium, State Sanatorium.

Day, Gaston—S. B. Florida State 1902; The New York Lying-in Hosp. (until Nov. 1906); House Surg. St. John's Riverside Hosp. Yonkers, N. Y. 1906-07.—Physician, Jacksonville, Fla.

Duffy, Richard Nixon—A. B. North Carolina 1902; R. H. O. 1906-07.—Surg. Fairview Hosp. and Physician, New Bern, N. C.

Ebersole, Francis Fisher—A. B. Cornell Coll. 1902; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1906-08.—Physician, Mt. Vernon, Iowa.

Gray, Eugene Price—A. B. North Carolina 1902; Interne, James Walker Memorial Hosp. Wilmington, N. C. 1906-07.—City Physician, and Physician, Winston-Salem, N. C.

Gray, Herbert Lee—A. B. Colby 1902; Interne, Lying-in Hosp. N. Y. (4 mos.); Interne, Kingston Ave. Hosp. Dept. of Health, Brooklyn, N. Y. 1906-07.—Deputy Surg. Dept. Syphil. N. Y. Hosp. Chief Clin. G.-U. Diseases, Demmilt Disp. and Physician, N. Y.

Griffith, Franklin Webb—A. B. Western Maryland 1902, and A. M. 1905; Externe in Gynecol. 1906-07; Asst. Res. and Act. Res. Gynecol. 1907-11.—Surg. to Biltmore and Merriwether Hospitals, and Surgeon, Asheville, N. C.

Griswold, Arthur Heywood—A. B. Harvard 1902; Interne, Hartford Hosp. Conn. 1906-08.—Asst. Pathol. and Bact. Hartford Hosp. Babies' Hosp. and Physician, Hartford, Conn.

Hazen, Henry Honeyman—A. B. 1902; Externe in Dermatol. Chief Clinic, Freedman's Hosp. and Instr. Clin. Micpy. Howard Med. Sch. 1906-09; Asst. in Dermatol. J. H. U. 1912-14.—Prof. Dermatol. Howard Univ.; Visit. Dermatol. Freedmen's Hosp. Washg. Asylum Hosp. and Georgetown Univ. Hosp. Prof. Dermatol. Georgetown Univ. and Physician, Washington, D. C.

Helmholz, Henry Frederick—S. B. Wis. 1902; Summer Quarter, Chicago, 1902; Fellow in Pathol. 1906-07; Voluntär Asst. Children's Clinic, Berlin, 1907-09.—Asst. Prof. Ped. Rush. Med. Coll. Member, Otho S. A. Sprague Mem. Inst. Attend. Phys. St. Joseph and Child Mem. Hospitals; Med. Dir. Infant Welfare Soc. and Physician, Chicago.

Hennington, Charles William — S. B. Rochester 1902; R. H. O. and Asst. in Surg. Path. 1906-08.—Asst. Surg. Rochester Gen'l Hosp. Surg. Rochester State Hosp.; Assoc. Editor, *Buffalo Med. Journal*, and Surgeon, Rochester, N. Y.

Herrinton, Minerva—A. B. Cornell, Ia. 1900; Grad. Student, Lewis Inst. (Chicago), 1902; Physician, Evening Disp. for Women and Children, Baltimore. 1906-08.—920 Farragut Terrace, Phila.

***Hewitt, Joseph Henry**—A. B. North Carolina 1899, and Med. Dept. 1901-02; Harvard Summer 1902; Res. Pathol. Charity Hosp. 1906-07, Lakeside Hosp. 1907-08; Dmnstr. Pathol. Univ. Minn. 1909-10; Pathol. Ga. State Sanitarium, Milledgeville, 1910-11; Pathol. St. Joseph and Children's Mem. Hospitals, Chicago, 1911-12; Prof. Pathol. and Bact. Baylor Univ. Dallas, Texas, 1912-13.—Pathol. City Hosp. Cleveland, Ohio. (*Died Jan.* 10, 1916.)

Hinman, Frank—A. B. Leland Stanford, Jr. 1902; Lab. Asst. to Dr. Bloodgood, J. H. H. 1906; Res. Surg. St. Luke's Hosp. Spokane, Wash. 1907-08; City Bacteriol. Spokane, Wash. 1910-12; Asst. Res. Surg. J. H. H. 1912-15; Asst. Clin. Prof. Urology, Stanford Univ.; Visit. Urol. City and Co. Hospitals, 1915-16.—Instr. Urol. U. of Calif.; Urol. Univ. Hosp. San Francisco.

Hunt, Josephine Drummond—A. B. Kentucky 1899, and A. M. 1902; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1906-07; Summer Interne, Babies' Hosp. N. Y. 1909.—Obstet. Good. Samaritan Hosp. and Phys. to House of Mercy, and Physician, 407 Trust Bldg., Lexington, Ky.

Hutchins, Elliott H.—A. B. St. John's 1902, and A. M. 1906; F. A. C. S. Interne, Church Home and Infirmary, Balt. 1906-07; Res. Surg. Lakeside Hosp. 1907-08.—Visit. Surg. Church Home and Infirm. and Mercy Hosp.; Con. Surg. So. Balt. Eye and Ear Hosp.; Visit. Surg. Barstow Gen. Hosp. Assoc. Prof. Clin. Surg. U. of Md. and Coll. P. and S.; Surg. W. M. R. R. and Police Dept. and Physician, 2217 St. Paul St., Baltimore.

Ingraham, Clarence B. Jr.—Ph. B. Yale 1902; Interne in Obstet. 1906-07; Asst. Dr. Kelly's Sanitarium, Baltimore, 1907-09.—Instr. in Obstet. and Asst. in Gynecol. Univ. of Colo. Obstet. St. Luke's; Gynecol. Mercy Hosp. and Obstet. City and Co. Hosp.; Med. Reserve Corps, U. S. A. and Physician, Denver, Col. F. A. C. S.

Iseman, Lawrence Lee—Ph. B. Lafayette 1902; F. A. C. S. Res. Kensington Hosp. for Women, Phila. 1906-08.—Asst. Chief Surg. Ill. Cent. R. R. Attend. Surg. Ill. Cent. Hosp. nd Physiian, Chicago.

Kellam, William Finney—A. B. Randolph-Macon 1902.—Physician, Onley, Va.

Kelley, Eugene Robert—A. B. Bowdoin 1902; Interne, Carney Hosp. Boston, 1906-07.—Asst. State and Comm. Health Seattle, 1909-15.—Dir. Div. Communicable Diseases, Mass. State Dept. Health, Boston. (Allston, Mass.)

King, John Hendricken—A. B. 1899, and Grad. Student 1899-02; Vol. Asst. and Asst. in Med. 1906-08; Instr. and Assoc. in Pathol. 1908-13. — Asst. Disp. Phys. and Instr. in Clin. Medicine.

Kingsbury, Mary Barker—A. B. Wellesley 1899; Harvard Summer School 1899; Interne, The Babies' Hosp. New York, 1906-07.—Probation Officer for Female Probationers, Co. of Schuylkill, and Physician, Pottsville, Pa.

Krechting, Wilhelm Edmund Harmon—A. B. Princeton 1902; Asst. House Surg. N. Y. Lying-in Hosp. 1906-07; House Surg. J. Hood Wright Mem. Hosp. N. Y. 1907-09.—Physician, 422 8th St. S. E., Washington, D. C.

Langnecker, Harry Leslie—A. B. Leland Stanford Jr. 1901; R. H. O. 1906-07; Ortho. H. O. Mass. Gen'l Hosp. 1908; Asst. Ortho. Surg. Mass. Gen'l Hosp. 1909-11; Asst. Res. Phys. and Asst. Ortho. Surg. *ibid.* 1911-14.—Clin. Inst. in Orth. Surg. Stanford Univ. Asst. Surg. M. R. C. U. S. N., San Francisco, Cal.

Lee, Andre Edward—A. B. Leland Stanford Jr. 1902; Passed Asst. Surg. U. S. N. Mare Island Hosp. Calif. 1906-07; Naval Hosp. Canacao, P. I. 1907-08; Cruising Asiatic Sta. 1909; Mare Is. Hosp. Cal. 1910; P. A. Surg. U. S. N. Navy Recruiting Sta. Buffalo, N. Y. 1910-12.—Surgeon, Amer. Legation, Peking, China.

Lewis, Joseph Stocking—A. B. Canisius 1902; Grad. Student, Cornell Summer 1902; Interne, German Hosp. N. Y. 1906-09.—Asst. Surg. Children's Hosp. and Attend. Surg. Buffalo State Hosp. and Physician, Buffalo, N. Y.

Macht, David Israel—A. B. 1902; Harvard Summer Sch. 1903, 1904 and 1905; LL.B. Hamilton Coll. 1915; Vol. Asst. Klinik, Prof. Landau, Berlin, and Grad. work in Europe, 1906-07; Externe, Med. and Phipps Dispensaries, 1908-09; Asst. in Gynecol. Hebrew Hosp. 1908-10; Asst. in Med. 1908-13; Coroner, N. W. Dist. 1912-14.—Resch. Fellow in Therapeut. to Council Phcy. and Chem. A. M. A. 1914-16; Gynecol. Jewish Hosp. for Consumptives; Dispen. Phys. Instr. in Clin. Med. Lecture Asst. in Pharm. and Physician, Baltimore.

Marsden, George—Ph. B. Brown 1900.—Physician, New Bedford, Mass.

Mason, Enoch Marvin—S. B. Alabama Polytechnic 1900, and M. S. 1901; R. H. O. 1906-07; Ala. State Bact. and Pathol. 1908-11.—Phys. to Hillman Hosp. and Physician, Jefferson Bnk. Bldg., Birmingham, Ala.

Meloy, Carl R.—A. B. Wittenberg 1902, and A. M. 1905; Instr. in Pathol. Univ. of Virginia 1906-07; Asst. in Pathol. and Asst. Res. Pathol. and Pathol. City Detention Hosp. Bayview, 1907-08; Adj. Prof. Pathol. Univ. of Va. Charlottesville, 1908-10. — Pathol. and Director of Lab'y, Grace Hosp. Detroit, Mich.

***Moore, Robert Emory**—A. B. 1902; Interne, King's Co. Hosp. Brooklyn, N. Y. 1906-08.—Asst. Visit. Surg. Samaritan Hosp. and Kings Co. Hosp. and Allied Hospitals of Brooklyn, and Physician, Brooklyn; Clin. Asst. B.-U. Diseases, L. I. Coll. Hosp. (**Sept.* 13, 1913.)

Morse, Arthur Henry—A. B. Tufts 1902; Harvard Medical Sch. Summer of 1903; Res. Pathol. R. I. Gen'l, Providence, 1906-07; Asst. Res. Obstet. 1907-08; Asst. Res. Surg. U. P. Infirm. 1908-09; Asst. Res. Obstet. 1909-10; Res. Obstet. and Instr. in Obstet. 1910-11; Res. Surg. U. P. Infirm. 1912-13; Instr. Obstet. and Gynecol. Univ. of Calif. and Assoc. Gynecol. Univ. Hosp. San Francisco 1913-15.—Asst. Obstet. and Gyne. New Haven Hosp. and Asst. Prof. Obstet. and Gynecol. Yale Med. Sch. New Haven.

Murdoch, Agnes Gordon—A. B. Woman's Coll. of Balto. 1902; Interne, New Eng. Hosp. Roxbury, Mass. 1906-07.—Med. Missionary Hwai Yuen via Tientsin Pukow R. R. Anhwei, China.

Nast, Marie Eleanor — (Mrs. W. B. Wherry), A. B. Woman's Coll. of Balto. 1902; Chicago 1902-03.—759 Ridgeway Ave., Cincinnati, O.

Ortschild, John Francis—A. B. Leland Stanford, Jr. 1899; Asst. in Operative Surg. (H. L.), 1906-07; Asst. Res. Surg. 1907-08.—385 Vancouver St., Portland, Ore.

Patek, Robert—S. B. California 1901; Interne, City and Co. Hosp. S. F. 1906-07.—Asst. Surg. Emergency Hosp. and Physician, San Francisco.

Pels, Isaac Rosenbaum—A. B. 1902; Externe in Med. 1907; Interne, U. P. I. 1908.—Consult. Dermatol. Balt. Eye, Ear and Throat Hosp. Asst. in Clin. Dermatol. Dis.pen. Dermatol. Dermatol. Baltimore.

Pfeiffer, Damon Beckett—A. B. Princeton 1902; Interne, The German Hosp. Phila. 1906-09; Pathol. German Hosp. Director, Clin. Lab. Presbyterian Hosp. Surg. Abington Mem. Hosp. Instr. Surg. Univ. of Pa.; Asst. Surg. Hosp. U. of Pa. and Out-Patient Dept. German Hosp. and Physician, Philadelphia.

Putts, Benjamin Swayne—A. B. 1902; Res. Phys. Allegheny Gen'l Hosp. Pa. 1906-07; Phys. Mass. State Sanatorium, Rutland, 1907-08; Deputy Med. Dir. Penna. State So. Mt. Sanatorium, Mont Alto, Pa. 1909-11.—Physician, 143 W. 8th St., Erie, Pa.

Rea, Ralph R.—S. B. Iowa State 1899.—Physician, 406 S. Main St. Los Angeles, Calif.

Redewill, Francis Hamilton—S. B. California 1902; Interne, M. E. Hosp. Brooklyn, N. Y. 1906-07; Asst. Surg. Ft. Bayard, N. M. 1907-08; Student, Paris, 1910-11. — Asst. Chief Surg. Randolph R. R. Lines; Phys. and Surg. Phoenix, Ariz.

Ridgway, Richard Frederic Lot—A. B. Princeton 1898, and A. M. 1902; Res. Physician, Harrisburg Hosp. Pa. 1906-07.. Disp. Surg. and Anaesthetist, Harrisburg Hosp. 1909-12.—1st Asst. Phys. Penna. State Lunatic Hosp. Harrisburg.

Russ, Henry Camp—A. B. Yale 1902; Res. Pathol. The Lakeside Hosp. Cleveland, O. 1906-07; Asst. Supt. *ibid.* 1907-08.—Phys. in charge Lab. Charter Oak Private Hosp. and Physician, Hartford, Conn.

Sawyer, Harold Payne—S. B. Alabama 1902; Asst. in Pathol. Bender Hygienic Lab. and Instr. in Pathol. and Bacteriol. Albany Med. Coll. N. Y. 1906-08; Instr. Pathol. Univ. and Bellevue Hosp. Med. Sch. 1908-09.—Pathol. Cohoes Hosp. City Bact. Cohoes, and Physician, Troy, N. Y.

Schorer, Edwin Henry—S. B. Wisconsin 1902; Dr. P. H. Harvard 1912; Rockefeller Inst. for Med. Research, N. Y. 1906-07; Instr. in Pathol. and Bacteriol. Univ. of Missouri, Columbia, 1907-08; Asst. Prof. Parasitology and Hygiene, *ibid.* 1908-09; Asst. Prof. Bacteriol. and Pathol. Univ. of Kansas, Lawrence, 1909-10; Special Investigator Dept. Prevent. Med. and Hygiene, Harvard Med. Sch. Boston, 1910-12.—Pediatrist, 3704 Charlotte St., Kansas City, Mo.

***Seeley, Lamar**—A. B. Williams 1902.

Seem, Ralph Berger—Ph. B. Lafayette 1902; Senior Res. Phys. St. Luke's Hosp. South Bethlehem, Pa. 1906-08; Supt. J. Walker Mem. Hosp. Wilmington, N. C.—Director of Dispensary and Asst. Supt. J. H. H.

Sladon, Frank Joseph—A. B. Yale 1902; R. H. O. and Asst. Res. Phys. in charge Md. Bacteriol. Lab. Asst. in Med. 1906-08; Instr. in Med. and Asst. Res. Phys. 1908-10; Assoc. in Med. and Res. Phys. and Med. Adviser to the Students, 1910-13; Chief Medical Clinic, Detroit Gen'l Hosp. 1913-14. — Phys.-in-Chf. The Henry Ford Hosp. Detroit.

Sloan, Harry Gordon—A. B. Washington and Jefferson 1902; Res. Surg. Lakeside Hosp. Cleveland, 1906-09. — Dmnstr. Surg. Physiol. West. Res. Med. Dept. and Surgeon, Cleveland.

Stone, Harvey Brinton—A. B. 1902; R. H. O. 1906-07; Adjunct Prof. of Surg. Univ. of Virginia, Charlottesville, 1907-10.—Assoc. in Surg. Coll. P. & S. Chief Surg. Md. Casualty Co. Instr. in Clin. Surg. Disp. Surg. and Surgeon, Baltimore.

Strouse, Solomon—A. B. 1902; R. H. O. 1906-07; Phys. O. P. D. Hebrew Hosp. 1907-09.—Assoc. Pathol. and Attend. Phys. Michael Reese Hosp. 1909-12.—Instr. Clin. Med. Coll. of Med. Univ. of Ill. Assoc. Attend. Phys. Michael Reese Hosp. and Physician, Chicago.

Thacher, Henry Clarke—A. B. Yale 1902, M. S. 1904, and Med. Dept. 1902-03; H. O. Bellevue Hosp. N. Y. 1906-08; Dr. Thayer's Asst. J. H. H. 1909-10.—Assoc. in Med. Columbia Univ. Chf. Med. Cl. Vanderbilt Clin. Asst. Visit. Phys. Roosevelt and Lincoln Hospitals, Visit. Phys. Volun. Hosp. and Physician, New York.

Thompson, Philip Pickering—A. B. Dartmouth 1902; Med. Sch. of Maine, 1902-03; Interne, Carney Hosp. Boston, 1906-07.—Instr. Gynecol. Med. Sch. of Me. Adj. G.-U. Surg. Me. Gen'l Hosp. and Physician, Portland, Me.

Torrey, Harry Norton—S. B. Knox 1900; Med. Dept. Mich. 1901-05, and A. M. 1905; Asst. in Bacteriol. 1904-05; Rockefeller Fellow Univ. of Mich. Summer of 1906.—Assoc. Surg. Harper Hosp. Attend. Surg. Childn. Free Hosp. Detroit, Mich.

Waite, Willis Willard—S. B. Wisconsin 1902; Pathol. Interne, City Hosp. Blackwell's Island, N. Y. 1906-07; Bacteriol. N. Y. City Dept. Health, 1907; Bureau of Health and St. Joseph's Hosp. and Physician, Syracuse, N. Y.—Director, El Paso Med. Lab. El Paso, Texas.

Webb, Harold Randall—A. B. Bowdoin 1902; Res. Phys. City Hosp. Waltham, Mass. 1906-08.—Physician, Arlington, Mass.

White, George Howard, Jr. — A. B. Princeton 1902; R. H. O. 1906-07; Assoc. Prof. Phys.-Chem. and Clin. Path. U. of Md. and Coll. P. & S. and Physician, Baltimore.

Wilbur, Frederick Petheram—A. B. Williams 1902; Interne, City Hosp. Blackwell's Island, N. Y. 1906-07.—Physician, Franklin, N. J.

Winn, Nannie Lee—A. B. Woman's Coll. of Balto. 1900.—Physician, Clayton, Ala.

Winter, John Arthur—A. B. Michigan 1902; Interne, Lakeside Hosp. Cleveland, 1906-07; Phys. and Surg. Calumet and Hecla Mining Co. Hosp. Calumet, Mich. 1907-08; Grad. Student in Europe, 1908-09; House Surg. Ill. Charitable Eye and Ear Infirmary, Chicago, 1909-10.—Physician, Fidelity Bldg., Duluth, Minn.

Winthrop, Gilman Joseph—A. B. Univ. of the South 1902; F. A. C. S. Interne, Gouverneur Hosp. New York, 1906-08. —Instr. in Surg. Univ. of Ala. and Surgeon, Mobile.

Wolfort, Benjamin Edgar—S. B. Pennsylvania 1902, and Med. Dept. 1901-02; Interne, Kingston Av. Hosp. Brooklyn, 1906-07; Interne, Jewish Hosp. Brooklyn, N. Y. 1907-08.—Asst. Surg. Jewish Hosp. Asst. Orthoped. Surg. Kings Co. Hosp. and Brooklyn Hosp. and Physician, Brooklyn.

Wolman, Samuel—A. B. 1902.—Instr. in Clin. Med. and Dispen. Physician, and Physician, Baltimore.

Wroth, Peregrine, Jr.—A. B. 1902; Res. Phys. Union Protestant Infirmary, Balt. 1906-08.—Surgeon, 131 W. Washington St., Hagerstown, Md.

Straight, Persis Rosamond—A. B. Smith 1902.—Physician, Bradford, Pa. (*Degree granted Nov.* 5, 1906). (85)

Class Secretary—Ralph B. Seem, Johns Hopkins Hospital.

1907

Adkins, Merle Theron — S. B. Beloit 1903; Interne, Union Protestant Infirmary, 1907-08; Interne, Church Home and Infirmary, 1912-14.—Physician, Durham, N. C.

Barnes, Francis Merriman, Jr.—A. B. Hamilton 1903; A. M. 1906; Asst. Phys. and Dir. Clin. Lab. Sheppard and Pratt Hosp. Towson, 1907-10; Clin. Dir. Gov't Hosp. for Insane, Washington, D. C. 1910-13; Instr. Neurol. and Psych. George Washington Univ. 1911-13; Asst. Prof. Nerv. and Ment. Dis. St. Louis Univ. 1913-14; Assoc. in Psychiatry, Wash. Univ. Med. Sch. 1914.—Neurol. St. Mary's Hosp. Visit. Psychiat. St. Louis City Sanitar. and Infirm. and St. Louis City Hosp. and Physician, St. Louis.

Beifeld, Albert Henry—A. B. Harvard 1902; Interne and Assoc. Attend Phys. Michael Reese Hosp. Chicago, 1907-14; Asst. Pediatrics, N. W. Univ. 1913-14; Instr. Pediatrics, Univ. Mich. Ann Arbor 1914-15.—Prof. Pediatrics, State Univ. Iowa, Iowa City.

Birge, Edward Grant—S. B. Wisconsin 1903; Bacteriol. Back River Disposal Wks. Colgate, Baltimore, 1907-11; Asst. Bacteriol. Penna. R. R. Co. Altoona, Pa. 1911-12; Instr. Dept. Preventive Med. and Hygiene, Harvard Med. Sch. Boston 1912-15; Asst. Bact. State Bd. Health, Tampa, Fla. 1915-16. —Bact. State Bd. Health, Jacksonville, Fla.

Boyd, Montague Laffitte—Ph. B. Emory 1903; Interne, Walker Mem. Hosp. Wilmington, N. C. 1907-08; Private Asst. to Dr. H. H. Young, 1908-09; Asst. Res. Surg. J. H. H. 1909-10.—Andrologist, Wesley Mem. Hosp. Assoc. Prof. Urology, Emory Univ. Assoc. in Urol. Grady Hosp. and Surgeon, Atlanta.

Bristol, Leverett Dale—S. B. Wesleyan (Conn.) 1903; Interne, Hartford Hosp. Conn. (summers), 1905-06; Instr. in Pathol. and Bacteriol. Coll. of Med. Syracuse Univ. N. Y. 1907-08; Phys. St. Paul Free Med. Disp. Assoc. Phys. Univ. Hosp. and Clin. Asst. Med. Univ. Minn. Med. Dir. St. Paul Anti-Tub. Com. Sec'y Clin. Sec. Nat. Assn. Study and Prevention of Tuberculosis, and Physician, St. Paul, Minn. 1908-12; Assoc. Prof. Bact. and Dir. Bact. Lab. Med. Dept. Syracuse Univ. N. Y. 1912-14.—Prof. Bact. and Dir. State Public Health Lab. Univ. N. Dak. University.

Brown, Chester Timothy—S. B. Rutgers 1903; Interne, N. Y. City Hosp. 1907-08.—Physician, 177 N. Maple Ave., East Orange, N. J.

Brown, Wade Hampton—S. B. Nashville 1899, Chicago 1902-03; Interne, Union Protestant Infirmary, Balt. (until Sept. 1, '07); Instr. in Pathol. Univ. Virginia, Charlottesville, 1907-08; Instr. in Pathol. Univ. Wisconsin, Madison, 1908-10; Asst. Prof. Pathol. *ibid.* 1910-11; Prof. Histol. and Pathol. Univ. N. C. Chapel Hill, 1911-13.—Assoc. Member, The Rockefeller Inst. for Med. Resch. N. Y.

Bullock, Frederick Dabney—S. B. Ky. State Coll. 1899; Interne, German Hosp. N. Y. 1907-08; Asst. Pathol. R. I. Gen'l Hosp. Providence, 1908-09; Asst. in Cancer Research, Columbia Univ. 1909-13.—Associate in Cancer Research, *Ibid.*

Burbeck, Edward Kimball—A. B. Dartmouth 1903.—Physician, Salem, Mass.

Burnside, Charles — Ph. B. Iowa Coll. 1903; Interne, Passavant Mem. Hosp. Chicago, 1907-08.—Physician, Title Ins. Bldg., Los Angeles, Cal.

Carson, Waid Edwin—A. B. Ohio Wesleyan 1900; M. A., 1909; Spg. and Summer Qrs. Chicago 1903; Res. Phys. Allegheny Gen'l Hosp. Pittsburgh, 1907-08; Res. Phys. Wills Eye Hosp. Phila. 1914-15.—Physician, Jenkins Arcade, Pittsburgh.

Chesnutt, James H. — A. B. Virginia 1903; R. H. O. 1907-08.—Physician, Hot Springs, Ark.

Clark, Eliot Round—A. B. Yale 1903; Asst. Instr. Assoc. 1907-14. — Prof. Anat. Univ. of Mo. Columbia.

Clough, Paul Wiswall—S. B. Wisconsin 1903; R. H. O. 1907-08; Asst. and Instr. in Med. and Asst. Res. Phys. 1908-11; Instr. in Med. in chg. of Biol. Div. of Med. Clinic, and Asst. Res. Phys. 1911-13; Assoc. in Med. Res. Phys. and Medical Adviser to Students 1913-16.—Assoc. Prof. Medicine.

Cort, Edwin Charles—A. B. Washington and Jefferson 1901, and A. M. 1904; Student, West. Penna. Med. Coll. 1901-03; Externe in Med. 1907-08.—Act. Dean, Chiengmai Med. Sch. and Med. Missionary, Chiengmai, Siam.

Cronk, Fred Yohn — S. B. St. John's 1903, and A. M. 1907; F. A. C. S. 1915; Interne, Lakeside Hosp. Cleveland, 1907-09; Res. Surg. St. Agnes' Hosp. Balt. 1909-10.—Surg. in Chief, M. E. Hosp. Guthrie, Okla.

Cunningham, Robert Law—A. B. Wabash 1901; R. H. O. 1907-08; Res. Phys. Barlow Sanatorium, Los Angeles, 1908-11; Instr. Physiol. and Phys. Chem. U. Calif. 1909-10; Instr. in Med. and Physical Diag. U. Calif. 1910-12; Attend. Phys. Los Angeles Co. Hosp. 1911-14; Chief of Med. Dept. Selwyn Emmett Graves Dispen. U. Calif. 1911-14; Attending Physician, Barlow Sanatorium, and Physician, Los Angeles.

Davidson, Cline Flemming—S. B. Wabash 1900; Illinois 1901-03; R. H. O.

1907-08; Asst. Instr. Physiol. State Univ. Wash. 1908-09; Chief City Med. Inspec. Pathol. City Hosp. 1911-14.—Attend. Med. Clinic, Seattle Public Schs. and Physician, Seattle, Wash.

Dernehl, Paul Herman—S. B. Wisconsin 1903; Volun. Asst. Rostock, Germany, 1907-08; Asst. Ophthal. Clinic, Strassburg, 1908-09.—Ophthalmol. Mt. Sinai Hosp. Ophthal. Milwaukee Pub. Schs. and Physician, Milwaukee.

Dinsmore, William Wert—S. B. Alabama Polytechnic 1903; Physician, Decatur, Ala. 1907-10; State Dir. (Ala.) Rockefeller San. Comm. for Erad. Hookworm Disease, 1911-15.—Asst. to State Health Officer; State Prison Inspector and Physician, Montgomery.

Dochez, Alphonse Raymond—A. B. 1903; Rockefeller Student in Path. Physiol. J. H. U. 1908; Fellow in Path. Rockefeller Inst. for Med. Res. 1909-10; Bacteriol. Hosp. of the Rockefeller Inst. for Med. Res. N. Y. 1911.—Assoc. Mbr. Rockefeller Inst. Med. Resch, *ibid.*

Dunlap, Robert Weyer—A. B. Washington and Jefferson 1903; Interne, West Penna. Hosp. Pittsburgh, 1907-08.—Med. Missionary, Amer. Presbyterian Mission, Chefoo, Shantung Prov. China.

DuPree, Dan Hughes — S. B. Georgia 1903; Grad. Student, Vienna, 1911; Exam. Phys. State Tb. Sanitarium; Director of Clinics, Univ. of Ga. Augusta, 1913.—Phys. to U. of Georgia, and Physician, Athens, Ga.

Gatch, Willis Dew—A. B. Indiana 1901; R. H. O. 1907-08; Asst. Res. Surg. and Asst. in Surg. 1908-11.—Prof. of Surg. Med. Sch. Univ. of Ind. Indianapolis.

Graber, Henry — A. B. Ursinus 1903; Res. and Chief Res. Phys. Presbyterian Hosp. Philadelphia, 1907-10.—Physician, Royersford, Pa.

Greene, Inslee Blair—Ph. B. Yale 1902; Interne, M. E. Hosp. Brooklyn, N. Y. 1907-08; Res. Phys. Seattle, Municipal Hosp. 1909.—Physician, Central Bldg., Seattle, Wash.

Guthrie, Clyde Graeme—A. B. Lafayette 1903; R. H. O. 1907-08; Instr. in Med. 1908-13; Assoc. in Med. in Clin. Lab. 1913-14.—Asst. Res. Physician and Assoc. in Med.

Hahn, Milton — A. B. Harvard 1903; Interne, Mt. Sinai Hosp. New York, 1907-09; Visit. and Attend. Ped. Freedman's Hosp. and Physician, Washington, D. C. 1909-16.—Chf. Con. Phys. Mercy Hosp. Arkansas City, Kans.

Harrison, Aleck Perkins—A. B. Florida State Coll. 1899; Res. Phys. St. Agnes Hosp. Balt. 1907-08; Res. Phys. "Camp Greenbrier," Alderson, W. Va. (Summer of 1908); Private Phys. abroad, Summer, 1909; Phys. and Pathol. Springfield State Hosp. Md. 1909-10.—Physician, Pontiac, Mich.

Hazlehurst, Franklin, Jr.—A. B. 1903; Act. R. H. O. 1907-08; Volun. Asst. Ear Clinic, Univ. of Strassburg, 1909-10; Asst. Surg. and Chief of Disp. Clinic, Presbyterian Hosp. Asst. in Clin. Laryn. and Asst. Disp. Laryn. and Physician, Baltimore.

Hellenbrand, Ralph Wellington—A. B. Bowdoin 1903.—Res. Surg. New York Hosp. N. Y.

Hellweg, Elizabeth Singley—A. B. Woman's Coll. (Balt.) 1899.—Asst. Phys. Manhat. State Hosp. Ward's Island, N. Y.

Henry, Gladys Rowena—(Mrs. George F. Dick), S. B. Nebraska 1909; R. H. O. 1907-08; Asst. Res. Phys. 1908-09; Assoc. in Path. Rush Med. Coll.—911 Michigan Ave., Evanston, Ill.

Heuer, George Julius—S. B. Wisconsin 1903; R. H. O. Asst. Res. and Res. Surg. 1907-14.—Assoc. Prof. Surgery.

Hill, Eben Clayton—A. B. 1903; Grad. Student, Freiburg, Summer, 1904, 1906; Res. Phys. Camp Champlain, Burlington, Vt. 1907-08; Asst. in Anat. 1907-08; 1st Lieut. Med. Res. Corps, 1908-09; Grad. Army Med. Sch. 1909; 1st Lieut. 1909-11; Capt. Med. Corps, U. S. Army, 1912 (Retired, 1913).—Pathol. and Radiol. Vassar Hosp. Poughkeepsie, N. Y.

Hincher, Charles Lane—S. B. Rochester 1903; Interne, Park Ave. Hosp. Rochester, N. Y. 1907-08.—O. P. D. Rochester Gen'l Hosp. and Physician, Rochester, N. Y.

Hopkins, Joseph Gardner—A. B. Columbia 1902; R. H. O. 1907-08; Asst. Prof. Bact. Columbia Univ. N. Y.

Kelley, Herbert Lester — A. B. Dartmouth 1903; Asst. Surg. U. S. Navy 1907-10; Passed Asst. Surgeon, U. S. Navy, Washington, D. C.

Krause, Allen Kramer — A. B. Brown 1901, and A. M. 1902, and Grad. Student 1902-03; Asst. and Instr. in Pathol. 1907-09; Asst. Saranac Lab. for Study of Tuberculosis, Saranac Lake 1909-16.—Assoc. Prof. Med.

Law, Sally Porter—(Mrs. Alexius McGlannan), A. B. Bryn Mawr 1903.—114 W. Franklin St., Baltimore.

Lyon, Bethuel Boyd Vincent—A. B. Williams 1903; Res. Phys. German Hosp. Phila. 1907-09; Dmnstr. in Med. Jeff. Med. Sch. 1909-16; Chf. Clinic, Gastro-Enter. Dept. Jeff. Hosp. 1913-16.—Pathol. Methodist Hosp. Asst. Pathol. German Hosp. and Physician, Philadelphia.

McLaughlin, Perry William—A. B. Pennsylvania Coll. 1903.—Physician, Newville, Pa.

Malone, Edward Fall—A. B. Vanderbilt 1903; Clin. Asst. Sheppard-Pratt Hosp.

Towson, 1907; Student, Berlin, Germany, 1907-10.—Assoc. Prof. of Anat. Univ. of Cincinnati, O.

Orchard, Norris Gray—S. B. Fargo Coll. 1903; Interne, Rochester Gen'l Hosp. Rochester, N. Y. 1907-08.—Member Jr. Med. Staff, Rochester Gen'l Hosp. and Physician, Rochester.

Owens, Fred Thomas—A. B. Hamilton 1903, A. M. 1906; House Phys. City Hosp. N. Y. 1907-08.—Surg. to St. Luke's and Gen. Hosps. and Utica Disp. and Physician, Utica, N. Y.

Palmer, Charles Benjamin—A. B. Harvard 1901; Med. Interne, Manhattan State Hosp. (6 mos.); Interne, N. Y. Post-Graduate Hosp. 1908-10; Phys. Las Chispas Mine, Sonora, Mexico, 1910-11.—Lieut. U. S. A. Med. Res. Corps and Physician, Phoenix, Ariz.

Parsons, William Turner—A. B. 1903; Asst. Surg. Balt. Eye, Ear and Throat Hosp. and Surg. Balt. 1907-15; Asst. Surg. Epis. Eye, Ear and Throat Hosp. and Surgeon, Washington, D. C.

Pauli, William Otto—A. B. Cincinnati 1902; Asst. Biol. 1902-03; R. H. O. 1907-08.—Instr. Obstet. Dmnstr. in Clin. Micpy. Ohio-Miami Med. Coll. 1909-11.—Physician, 3442 Burch Ave., Cincinnati.

Peirce, George—A. B. Haverford 1903; M. A. and Ph. D. Berlin 1912; Res. Phys. Dr. Grenfell's Hosp. St. Anthony, Newfoundland, 1907; Res. Phys. Penna. Hosp. Phila. 1908-09; Grad. Student, Berlin, Germany, 1910-12; Asst. in Physiol. Univ. Wisconsin, 1912-13, and Instr. in Pharmacol. *ibid.* 1913-14; Instr. in Urol. in chg. Chem. Lab. Brady Urological Clinic 1914-16. —Chemist, Colgate Co. New York.

Pessagno, Eugene Leo—A. B. 1903; Interne, St. Joseph's Hosp. 1907-08; Asst. in Med. 1908-09.—Physician, 2314 E. Baltimore St., Baltimore.

Plaggemeyer, Harry Ward—A. B. 1903; Interne, Kings County Hosp. Brooklyn, N. Y. 1907-09; Res. Surg. St. Mary's Hosp. for Children, N. Y. 1909-10; Asst. Res. Surg. B.-U. Dept. J. H. H. 1910-13.—Attend. Surg. Grace Hosp. Jr. Surg. Harper Hosp. and Dir. Dept. Urological Surg. Detroit Gen'l Hosp. Detroit, Mich.

Preble, Paul—A. B. Bowdoin 1903; Res. Surg. St. Agnes Hosp. Balt. 1907-08.—Passed Asst. Surg. U. S. P. H. S. Ohio River Investigation, 1518 Edwards Rd., Cincinnati.

Randall, Alexander—A. B. St. John's 1902, and M. A. 1907; Grad. Student 1902-03; Interne, German Hosp. Philadelphia, 1908-09; Asst. to Dr. Young, Balt. 1909-10; Asst. Res. Surg. 1910-11.—Asst. Surg. G.-U. Disp. U. of Pa. Asst. Instr. G.-U. Surg. U. of Pa. Asst. G.-U. Surg. Phila. Gen. Hosp.; Consult. Surg. Germantown Hosp. and Surgeon, Philadelphia.

Ray, Daniel Pattee—A. B. Dickinson 1903, A. M. 1908; Res. Phys. McKeesport Hospital, Pa. and West Penna. Hosp. Pittsburgh, 1907-08.—Urol. Conemaugh Valley & Mercy Hosps.—Physician, Johnsown, Pa.

Rhodes, Clarence Adair—A. B. Randolph-Macon 1903; Interne, St. Vincent's Hosp. N. Y. 1907-08; Interne, Willard Parker Hosp. (3 mos.); Res. Phys. N. Y. Foundling Hosp. 1909-10; House Phys. (St. John's Guild), Sea Side Hosp. New Dorp. S. I. N. Y. 1910-11.—Attend. Phys. Wesley Mem. Hosp.; Pediatrist, Grady Hosp.; Phys.-in-Chief, Atlanta Children's Home; Phys.-in-Chief, Wesley House Free Clinic for Children; Attend. Phys. City Hosp. Contagious Diseases, and Physician, Atlanta, Ga.

Riley, Charles Woodward—A. B. 1903; Interne, Woman's Hosp. of the State of N. Y. N. Y. City, 1907-08; Interne, Riverside Hosp. N. Y. and Kingston Ave. Hosp. Brooklyn, 1908-09.—1st Lt. Med. Corps, U. S. Army, Jefferson Barracks, Mo.

Ross, Mary Jane—A. B. Cornell 1898, and Ph. D. 1902; Woman's Med. Coll. of Penna. 1898-99; A. M. Pennsylvania 1900; Interne, Babies' Hospital, New York, June-Oct. 1907; Res. Pathol. St. Luke's Hosp. New Bedford, Mass. 1907-09.—Physician, Binghamton, N. Y.

Sandrock, Edgar Poe—A. B. 1903; Res. Phys. St. Agnes Hosp. Balt. 1907-09; Differentiator, J. H. Disp. 1911-12.—Asst. Disp. Phys. Dept. Gastro-Intest. and Physician, Balt.

Schumacher, Hiram Sibley — Ph. B. Rochester 1903; House Officer, Rochester Homeopathic Hosp. N. Y. 1907-08.—Asst. Attend. Phys. Rochester Homeo. Hosp. and Med. Disp. and Physician, Rochester.

Scofield, Raymond Brown—S. B. Rochester 1902; Asst. Surg. U. S. P. H. and M. H. Service, Stapleton, S. I. N. Y. 1907-09; Asst. and House Surg. J. Hood Wright Mem. Hosp. N. Y. 1908-09.—Phys. Yonkers Tb. Hosp. and Disp. Asst. Chf. Surg. Disp. Yonkers Riverside Hosp. and Physician, Yonkers, N. Y.

Shallenberger, Will Farquhar — A. B. Washington and Jefferson 1903, and A. M. 1912; R. H. O. 1907-08; Asst. Res. Phys. 1908-09; Asst. Res. Gynecol. 1909-10; Res. Surg. Hosp. for Women of Md. 1910-11.—Con. Gyne. Flor. Crittenden Home; Gynecol. Wesley House, Assoc. Prof. Gyne. Emory Univ. and Gynecologist, Atlanta, Ga.

Smith, George Arthur—A. B. Yale 1903; Interne, The Hartford Hosp. 1907-08. —Physician, Stepney, Conn.

Smith, Joseph Tate, Jr.—A. B. 1903; R. H. O. and Asst. Res. Obstet. 1907-09; Res. Gynecol. Lakeside Hosp.

Cleveland, 1909-10.—Dmnstr. in Gyn. West. Reserve, and Physician, Cleveland.

Souder, Charles Granville—S. B. Ohio State 1903.—Chief of Staff, Thalian Tuber. Disp. and Supt. Lucas Co. Tub. Hosp. Toledo, O.

Stubenrauch, Charles Henry—A. B. 1903; Asst. Res. Phys. Church Home and Infirmary, Baltimore, 1907-08; Asst. in Med. 1908-10.—Physician, Havana, Illinois.

Turkington, Charles Henry—Ph. B. Yale 1903; Interne, Hartford Hosp. Conn. 1908-09.—Physician, Litchfield, Conn.

Watson, Percy Theodore—A. B. Carleton 1903; R. H. O. 1907-08.—Med. Missionary, Fenchow, Shansi, China.

White, William Henderson—A. B. Dickinson 1903; Interne, Paterson Gen'l Hosp. N. J. 1907-08; Interne, Riverside Contag. Hosp. North Bros. Is. N. Y. 1908-09; Hosp. Phys. N. Y. City Board of Health, Otisville Sanatorium, Otisville, N. Y.

Winternitz, Milton Charles—A. B. 1903; Fellow, Asst. Instr. and Assoc. in Pathol. 1907-14.—Asst. Pathol. J. H. H. and Assoc. Prof. of Pathology; Pathol. City Hosp. Bayview.

Gilbert, George Burton — A. B. Yale 1903; Interne, Hartford Hosp. (Mar. to June), 1908; Res. Phys. Cragmor Sanatorium, Colorado Spgs. 1909-10.—Director, Webb. Tub. Research Lab. Consult. Phys. Cragmor and Sunnyrest Sanatoria, and Physician, Colo. Spgs. Colo. (*Degree granted Feb'y* 22, 1908.)

Hartman, George W.—S. B. California 1903; Res. Phys. The French Hosp. N. Y. 1907-08; House Surg. Flushing Hosp. Flushing, N. Y. 1908-09.—Adj. in G.-U. Surg. German Hosp. Staff S. F. Polyclin. and S. F. Hosp. and Physician, San Francisco, Cal. (*Degree granted February* 22, 1908.)

Partridge, Carroll Dunham—S. B. Vermont 1900; Instr. Chicago Summer Qrs. 1904-05; Asst. Cornell 1900-02; Carnegie Research Asst. in Organic Chem. 1907-08; Pathol. Thos. Wilson Sanitarium, Md. 1907-08; Pathol. State Infirmary, Tewksbury, Mass. 1908-10; Path. Albany Hosp. and Asst. in Path. Albany Med. Sch. Albany, N. Y. 1910-11; Prof. Pathol. and Bact. Univ. Ba. Med. Coll. Augusta, 1911-13.—Asst. Bact. U. of Mich. Ann Arbor. (*Degree granted February* 22, 1908.)

Shore, Clarence Albert — S. B. North Carolina 1901, M. S. 1902, and Med. Dept. 1903-04.—Director, State Lab. Hygiene, Raleigh, N. C. (*Degree granted January* 6, 1908.)

Tuttle, Lucius—A. B. Yale 1901; Microscopist, Univ. Hosp. Disp. 1907-09; Asst. Dmnstr. Pathol. Univ. of Penna. 1908-10; Dmnstr. Physiol. Jefferson Med. Coll. 1910-14.—Assoc. in Physiol. and Physics, *ibid*, and Dir. Jeff. Physical Lab. Philadelphia (Aldan, Pa.). (*Degree granted April* 1, 1907.)

Wile, Udo Julius—A. B. Columbia 1904, and Med. Dept. 1903-04; Vol. Asst. Dermatol. Clinic, Berlin, 1908-09; Chief Clinic in Dermatol. and Syphilis, Beth Israel Hosp. Attend. Dermatol. Hebrew Infant Asylum; Instr. Dermatol. and Syph. P. G. Med. Sch. and Hosp. and Physician, N. Y. 1909-12.—Prof. Dermatol. and Syphilol. Univ. Mich. Ann Arbor. (*Degree granted January* 6, 1908.) (76)

Class Secretary—Clyde G. Guthrie, Johns Hopkins Hospital.

1908

Appelbaum, Solomon J.—A. B. Rochester 1904; Interne, West. Penna. Hosp. Pittsburgh, 1908-09. — Asst. Phys. Gen'l Hosp. Disp. Phys. Rochester Social Settlement, and Physician, Rochester, N. Y.

Branch, Joseph Robson Bromwell—A. B. 1904; R. H. O. 1908-09; Med. Supt. The Macon Hosp. Macon, Ga., 1909-10; Attend. Gynecol. to Macon Hosp. and Gynecol. Macon, Ga. 1910-15.—Surg. Hunan-Yale Hosp. and Instr. in Surg. Hunan-Yale Med. Sch., Changsha, China.

Brenizer, Addison Gorgas, Jr.—A. B. North Carolina 1904; Med. Student, *ibid*, 1903-04; Krebs Inst. Heidelberg, Summer, 1907; Interne, Univ. of Heidelberg, Germany, 1908-09; Externe, Univ. Vienna, 1909; Res. Surg. in charge Amer. Hosp. Paris, 1909-11.—Supt. The Brenizer Sanatorium, Charlotte, N. C.

Brotherhood, James Stewart—S. B. Dartmouth 1904; R. H. O. 1908-09; Asst. Res. Phys. and Asst. in Med. 1909-10; Res. Phys. Sydenham Hosp. Balt. 1910-11; Res. Phys. Wash. Univ. Hosp. and Asst. in Med. Wash. Univ. St. Louis, Mo. 1911-12; Assoc. Phys. Clifton Spgs. Sanitarium, N. Y. 1913-15.—Pathol. Butterworth Hosp. Path. Blodgett Mem. Hosp. and Physician, Grand Rapids, Mich.

Bryant, Carl Herbert—Ph. B. Yale 1904; Interne, Hartford Hosp. Conn. 1908-10.—Physician, Bryant Bldg., Kansas City, Mo.

Burns, Jonathan Edward, Jr.—A. B. Virginia 1904; Interne, Union Protestant Infirmary, Baltimore, 1908-09.—Asst. Res. and Disp. Urologist.

Carstens, Christian Frederick — A. B. Lake Forest 1901; Interne, City Hosp. N. Y. 1908-09.—Physician, Hibbing, Minn.

Clarke, Ralph DeBallard—A. B. N. Y. Univ. 1904; Interne, Post-Grad. Hosp. N. Y. 1908-10; House Phys. Home for Convales. Babies, Sea Cliff, L. I. N. Y. 1910-11; Res. Surg. Nances Cay Hosp. Bocas del Toro R. de Panama, 1911-12.—Sch. Phys. and Physician, West Haven, Conn.

Cooke, Joan Valjean—A. B. West Virginia 1903, and Yale 1904; Harvard Med. Sch. (Summer), 1906; Instr. Pathol. Univ. and Bellevue Hosp. Med. Sch. N. Y. 1908-10; Res. Pathol. Penna. Hosp. Phila. 1910-11; Instr. Pathol. Tulane Univ. and Jr. Pathol. Touro Infirm. New Orleans, La. 1911-12.—Asst. Prof. Pathol. and Dir. Lab. Animal Exp. Univ. of Calif. and Pathol. Univ. Hosp. and San Francisco Hosp. San Francisco.

Coolahan, Edward Vincent—A. B. Rock Hill 1903; Res. Phys. St. Vincent's Hosp. St. John's Build, 1910; Res. Hosp. N. Y. 1908-10.—Phys. Floating N. Y. Foundling Hosp. 1910-11.—Asst. Disp. Phys. and Physician, Baltimore.

Coughlin, Frederick Aloysius — A. B. Brown 1904; Interne, City Hosp. Boston, 1908-10; Res. Surg. Carney Hosp. Boston, 1910-13.—Asst. Surg. St. Joseph's Hosp. and Surgeon, Providence, R. I.

Crowe, Samuel James—A. B. Georgia 1904; Asst. in Surg. (H. L.), 1908-09; Asst. Res. Surg. and Asst. in Surg. 1909-12.—Laryn. in Chg. and Assoc. in Clin. Laryngology.

Deming, Edward Adams—Ph. B. Yale 1904; Interne, N. Y. Health Dept. to Jan. 1, 1909; Interne, Hartford Hosp. Conn. 1909-10. — Physician, Spring St., Hartford.

***Denison, Henry Strong**—A. B. Cornell 1905; Interne, Mass. Gen'l Hosp. Boston, 1908-09.

Denner, William Reuben S. — A. B. Penna. Coll. 1904, and A. M. 1907; Interne, West. Penna. Hosp. Pittsburgh, 1908-09; Asst. in Clin. Pathol. Univ. Pittsburgh, 1909-10; Res. Pathol. St. Francis' Hosp. Pittsburgh, 1909-12.—Physician, Manchester, Md.

Derge, Herman Ferdinand—A. B. Wisconsin 1904; R. H. O. 1908-09.—Surgeon, Eau Claire, Wis.

Drinkard, Robert Uriel—S. B. Virginia Polytech. 1904; Interne, Nursery and Child's Hosp. N. Y. 1908-10.—School Inspector and Surgeon, Wheeling, W. Va.

Duke, William Waddell—Ph. B. Yale 1904; R. H. O. Mass. Gen'l Hosp. Boston, 1908-10; Grad. Student, Vienna and Tübingen 1910-11.—Prof. Exp. Med. Univ. of Kansas, Attend. Phys. Christian Church Hosp.; Con. Phys. Kansas City Gen. Hosp. and Physician, Kansas City, Mo.

Evans, Herbert McLean—S. B. California 1904; Med. Dept. 1904-05; Asst. Instr. Assoc. and Assoc. Prof. of Anat. 1908-15.—Prof. of Anat. Univ. of Calif. Berkeley.

Flanagan, James Thomas—A. B. Mt. St. Mary's 1903, and A. M. 1905; Grad. Student 1903-04; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1908-10; Adj. Visit. Obstet. Kings Co. Hosp. 1912; Clin. Asst. Surg. L. I. Coll. Hosp. 1911-12.—Asst. Visit. Phys. Kings Co. Hosp. and Physician, 361 Ocean Ave., Brooklyn, N. Y.

Frow, James Richard—A. B. Lafayette 1904; Grad. Student, Wisconsin, Summer, 1905; Interne, Wilkes-Barre City Hosp. Pa. 1908-09; Asst. Surg. Southern Branch Nat'l Home for Disabled Volun. Soldiers, Nat'l Soldiers' Home, Va. 1909-12.—Citrus Grower, Zolfo, De Soto Co. Fla.

Fuerbringer, Ralph Ottomar—A. B. 1904; R. H. O. 1908-09; Asst. Surg. Clinic, Univ. of Marburg, 1910-11.—Physician, Saginaw, Mich.

Grimm, Randolph Macon—A. B. Randolph-Macon 1902, and A. M. 1903; Bacteriol. State Lab. Hygiene, Raleigh, N. C. (Oct. 1908); Asst. Surg. U. S. P. H. and M.-H. Service, 1908-12.—Passed Asst. Surg. U. S. P. H. Service; Med. Officer in chg. U. S. Pellagra Hosp. Spartanburg, S. C.

Grove, William Edward—A. B. Wisconsin 1904; Instr. in Pharmacol. Univ. of Wisconsin, Madison, 1908-09; Res. Phys. Clifton Spgs. Sanitarium, N. Y. 1909-11; Student in Berlin, 1911-12.—Physician, Wells Bldg., Milwaukee, Wis.

Gundrum, Frederick Fretageot—A. B. Leland Stanford, Jr. 1903; R. H. O. 1908-09; Dmnstr. in Anat. Univ. of Pittsburgh, and Res. Surg. St. Francis' Hosp. Pittsburgh, 1909-10; Dir. N. Calif. Bch. State Hygienic Lab. 1912-15; Vice-Pres. State Bd. Med. Ex. 1913-15; Cons. Phys. Sacramento Co. Hosp. Vice-Pres. State Bd. Health, and Physician, Sacramento, Cal.

Haas, Sylvan Lewis—S. B. California 1904; Res. Pathol. Lakeside Hosp. Cleveland, 1908-10; Interne, Lane Hosp. 1909-10.—Asst. in Surg. Stanford Univ. and Physician, San Francisco, Cal.

Hanes, Frederic Moir—A. B. North Carolina 1903; A. M. Harvard 1904; Student Leipzig and Freiburg 1905-06; R. H. O. 1908-09; Assoc. in Pathol. Coll. P. and S. Columbia, and Assoc. Visit. Pathol. Presbyterian Hosp. N. Y. 1912-13; Asst. Res. Phys. Rockefeller Hosp. N. Y.; Physician, O. P. D. Wash. U. Hosp. and Instr.

in Neurol. Washington U. St. Louis 1913-14; Prof. Ther. Med. Coll. Va. Richmond, 1914-15.—Physician, Winston-Salem, N. C.

Hanson, Henry—A. B. So. Dakota 1902; Asst. Chem. Lab. 1902-04; Asst. Supt. and Pathol. Milwaukee Co. Hosp. Wauwatosa; Pathol. Trinity Hosp. and Assoc. Prof. Pathol. Milwaukee Med. Sch. Wis. 1908-09; Prof. Clin. Micpy. Wis. Coll. P. and S. 1909.—Director, Bact. Lab. State Board of Health, Jacksonville, Fla.

Harrison, Paul Wilberforce—A. B. Nebraska 1905, and Med. Dept. 1903-05; Interne, Mass. Gen'l Hosp. Boston, 1908-09. — Medical Missionary, Kuwait, Persian Gulf, Arabia, via Bombay.

Higgins, William Harry—A. B. Central (Ky.) 1904; Interne, Allegheny Gen'l Hosp. Pa. and R. H. O. 1908-09; Asst. Res. Clifton Spgs. Sanitarium, N. Y. 1909-11.—Assoc. in Med. Coll. of Va.; Med. Supt. Hygeia Hosp. and Physician, Richmond, Va.

Hill, Miner Clifford—S. B. Princeton 1904; Instr. in Pathol. N. Y. Univ. and Bellevue Hosp. Med. Sch. N. Y. 1908-09; Interne, St. Luke's Hosp. N. Y. 1909-10; Res. Pediatrist, Bellevue Hosp. 1910-12.—Instr. Pediatrics N. Y. P. G. Med. Sch. and Physician, N. Y.

LaMont, Charles Augustus—A. B. Yale 1905; Interne, Hudson St. Hosp. N. Y. 1908-10. — Visit. Surg. Aultman Hosp., Health Officer, and Physician, Canton, O.

LeCron, Wilbur Leslie — A. B. 1904; Grad. Student Leipzig and Freiburg 1905-06; Interne, Hartford Hosp. Conn. 1908-10; Pathol. and Res. Surg. Columbia Hosp. 1910-13.—Mem. Surg. Staff Children's Hosp. and Emergency Hosp. Librarian Milwaukee Med. Soc. and Surgeon, Milwaukee, Wis.

Lindeman, Edward Emanuel — Ph. B. Yale 1905; Act. Asst. Surg. U. S. Pub. Health and Marine Hosp. Service, N. Y. (3 mos.); Asst. in Pharmacol. Univ. Mich. Ann Arbor, 1908-09; Dir. Tampa Lab. State Board Health, Fla. 1909-10; House Officer, Children's Hosp. Boston, 1910-11; Res. Phys. Bellevue Hosp. N. Y. 1911-12.—Physician, 40 E. 41st St., New York.

Lindsay, Janvier Whitton—A. B. Columbia 1904; Interne and Chief Res. Phys. Garfield Mem. Hosp. Washington, D. C. 1908-12.—Mem. Bd. Directors and Consult. in Med. Woman's Clinic; Asst. Pathol. Garfield Hosp. Path. Childn's Hosp. and Physician, Washington, D. C.

Masenheimer, Harry Walter—A. B. St. John's 1904; Interne, Presbyterian Hosp. Pittsburgh, 1908-09; Res. Surg. Lakeside Hosp. Cleveland, 1909-13.—Dmnstr. Surg. West. Reserve Med. Sch. Visit. Surg. German Hosp. and Physician, Cleveland.

May, Charles Henry—A. B. Penna. Coll. 1904; Res. Phys. Presbyterian Hosp. Pittsburgh, 1908-09.—Physician, York, Pa.

Mayo, Robert William Bainbridge—A. B. Maryland Agricult. 1903, and M. S. 1904; Supt. Gulf Coast Sanatorium, Miss. 1908-09; Asst. Res. Church Home and Infirm. 1909-10; Res. Surg. Hosp. for Women of Md. 1910-12.—Assoc. in Med. Coll. P. & S. Instr. in Clin. Med. and Dispen. Phys. and Physician, Baltimore.

McCann, James Alphonsus—Ph. B. Brown 1904; Interne, R. I. Gen'l Hosp. Providence, 1909-11.—Externe Gyne. R. I. Gen. Asst. Vis. Phys. Providence City Hosps. and Physician, 142 Francis St., Providence.

McClure, Roy Donaldson—A. B. Ohio State 1904; Grad. Student Prague, 1906; House Surg. New York Hosp. N. Y. 1909-12; Asst. Res. Surg. J. H. H. 1912-13; Res. Surg. and Instr. in Surg. 1913-16.—Surg. in Chf. Henry Ford Hosp. Detroit, Mich.

McDonnell, Patrick Joseph—Ph. B. Wesleyan (Ct.) 1904; Interne, Kings Co. Hosp. (to Oct. 15, 1908); Interne, Providence Hosp. Washington, D. C. (to Mar. 1, 1910); Asst. Res. Manhattan Maternity Hosp. N. Y. (to June 1, 1910); Asst. Res. Seaside Hosp. S. I. N. Y. (to July 1, 1910); Phys. and Surg. Tonopah Mines Assn. and Phys. Tonopah, Nev. 1910-15.—Physician, Archbald, Pa.

Mills, Charles Wilson—A. B. Williams 1902; R. H. O. 1908-09.—Asst. Phys. Loomis Sanatorium, Loomis, N. Y.

Morrill, Warren Pearl—Ph. B. Michigan 1898; Med. Dept. Illinois, 1904-05; Interne, Children's Free Hosp. Detroit, 1908-09; Res. Phys. and Supt. Sydenham Hosp. Baltimore, 1909-12; Supt. Winnipeg Gen'l Hosp. Manitoba, 1912-13. — Physician, Benton Harbor, Mich.

Ney, Grover Cleveland—A. B. Mt. St. Joseph's 1904, and A. M. 1908; Med. Supt. Hebrew Hosp. 1908-12.—Visit. Surg. *ibid*, Surg. B. & O. R. R. and Surgeon, Baltimore.

Oppenheimer, James Harry—A. B. Harvard 1904; R. H. O. 1908-09; European Clinics, 1909-10.—Physician, 158 Pine St., Providence, R. I.

Preston, Robert Sheffey—A. B. Hampden-Sidney 1903; A. M. Princeton 1904; Interne, Bellevue Hosp. N. Y. 1909-11.—Assoc. in Med. Instr. in Pathol. and Pediatrics, Med. Coll. of Va. and Physician, Richmond.

Ray, Frederick Sylvanus—S. B. California 1904; R. H. O. 1908-09; Asst.

Res. Surg. and Externe in Gynecol. 1909-11. — Physician, 121 N. Union Ave., Los Angeles, Cal.

Ray, Lilian Emeline—A. B. Leland Stanford Jr. 1897, and A. M. 1901; Interne, The Hosp. for Women and Children, Syracuse, N. Y. 1908-09; Clin. Asst. Rochester State Hosp. N. Y. 1909.—Exam. Phys. for Girls in the Los Angeles City High Sch. and Physician, Los Angeles, Cal.

Ridges, Alfred Joseph, Jr.—S. B. Utah 1900.—Visit. Phys. L. D. S. Hosp. and Physician, Salt Lake City, Utah.

Rinde, Hamilton—A. B. N. Dakota 1902. —Asst. Phys. Conn. Hosp. for Insane, Middletown.

Robinson, James Lee—A. B. Texas 1904; Summer Session, Harvard Med. Sch. 1906; Res. Pathol. Mass. State Hosp. Summer, 1908; R. H. O. 1908-09; Surg. Roanoke Rapids (N. C.) Mills Co. 1909; Contract Surg., 1st Lt. Med. Reserve Corps, U. S. Army 1910; Grad. Army Med. Sch. 1910-11; 1st Lt. Med. Corps, U. S. Army 1911-14.—Capt. Med. Corps, U. S. Army, Regan Barracks, Albay, P. I.

Scarborough, James Isaac—A. B. Princeton 1904; Interne, Asst. Res. and Res. Surg. Union Protestant Infirmary, Baltimore, 1908-12; Asst. Surg. Pathol. and 1st Surg. Asst. Mayo Clinic, Rochester, Minn. 1912-14.—Surgeon, Little Rock, Ark.

Selling, Laurence—A. B. Yale 1904; Res. House Officer, 1908-09; Fellow in Pathol. (Rockefeller-Grant), 1909-10.—Instr. Med. U. of Oregon, and Physician, Portland, Ore.

Shugerman, Harry Philip—A. B. Howard Coll. 1901; Columbia 1902-04; Interne, U. P. I. Balt. (3 mos.); Army Med. Sch. Washington, D. C. 1909-10.—Phys. Hillman Hosp. Phys. B'ghm Tuber. Disp. Disp. Instr. Med. U. of Ala. and Physician, Birmingham, Ala.

Stacy, Roland Leighton—A. B. Dickinson 1904, and A. M. 1907; R. H. O. 1908-09; House Surg. Ogdensburg City Hosp. N. Y. 1909-10.—Physician, 134 Ford St., Ogdensburg, N. Y.

Thalheimer, William M.—S. B. Richmond 1903; Summer Sessions, Cornell 1902 and 1903; Interne, Mt. Sinai Hosp. N. Y. 1908-10; Instr. in Pathol. Univ. of Va. Charlottesville, 1910-11.—Asst. in Pathol. Mt. Sinai Hosp. and Physician, New York.

Thomas, Albert Agnew—A. B. Indiana 1904; Interne, Allegheny Gen'l Hosp. Pa. 1908-09.—Physician, Linton, Ind.

Tracy, Dwight Wallace—Ph. B. Yale 1904; Interne, Hartford Hosp. Conn. 1908-09.—Member, Bd. of Health, and Physician, Hartford, Conn.

Vest, Cecil Woods—S. B. Iowa Coll. 1904; Externe in Gynecol. 1908-09; Asst. Dr. Kelly's Sanitarium, 1909-10; Asst. Res. Gynecol. 1910-12; Res. Gynecol. and Instr. 1912-13.—Physician, The Winona, Baltimore.

Wilson, James Homer—Ph. B. Lafayette 1904; Interne, Gouverneur Hosp. N. Y. 1908-09; Med. Corps, U. S. Army, Washington, D. C. 1911-12.—Phys. for Allegheny Co. and Visit. Phys. West. Md. Hosp. and Physician, Cumberland.

Worthington, Joseph Kent—A. B. Haverford 1903; Interne, Roosevelt Hosp. N. Y. 1908-09; Asst. Res. Urologist 1915-16.—Physician, Hume-Mansur Bldg. Indianapolis, Ind.

Clark, Webster Kimball—Ph. B. Yale 1904.—Pathol. Franklin Co. Hosp. and Physician, Greenfield, Mass. (*Degree granted April* 5, 1909.)

Porter, Frank Gibson—A. B. 1904; Pathol. Dr. Brown's Private Hosp. and Asst. Pathol. Mountainside Hosp. Montclair, N. J. 1908-09.—Physician, 2054 Woodberry Ave., Baltimore. (*Degree granted March* 1, 1909.)

Class Secretary—James S. Brotherhood, Fulton St., Grand Rapids, Mich.

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1909

Austrian, Charles Robert—A. B. 1904; R. H. O. 1909-10; Asst. and Instr. in Med. 1910-14; Asst. Res. Phys. in chg. Lab. Phipps Disp. 1911-13; Asst. Res. Phys. 1913-14; Assoc. in Med. and Asst. Phys. in chg. Biol. Div. 1914-15.—Phys. in chg. Phipps Disp. Assoc. in Clin. Med. and Physician, Baltimore

Baetjer, Walter Albert—A. B. 1905; R. H. O. 1909-10; Asst. in Med. and Asst. Res. Phys. 1910-11; Res. Phys. City Hosp. Bayview, 1911-12; Asst. and Instr. in Med. and Asst. Res. Phys. 1912-15; Assoc. in Med. in chg. Clin. Lab. 1915-16.—Assoc. in Med. and Dispen. Physician.

Bass, James Alvin—A. B. 1905.—Passed Asst. Surg. U. S. Naval Acad. Annapolis.

Birdsong, Julian Lee—S. B. Nashville 1899; Interne, Hartford Hosp. Conn. 1909-11. — Physician, 110 High St., Hartford, Conn.

Budd, Samuel Walthall—A. B. Hampden-Sidney 1904; Grad. Student 1904-05; R. H. O. 1909-10; Pathol. Norfolk Protest. Hosp. 1910-14.—Assoc. Prof. Pathol. and Assoc. in Med. Coll. of Va. Richmond.

Burrows, Montrose Thomas—A. B. Kansas 1905; Asst. Rockefeller Inst. for Med. Research, N. Y. 1909-11; Instr.

Anat. Cornell, N. Y. 1911-15.—Assoc. in Pathol.

Cashman, Bender Zelotes—A. B. Pennsylvania Coll. 1905; Interne, West. Penna. Hosp. Pittsburgh, 1909-10; Res. Surg. St. Francis' Hosp. Pittsburgh, 1910-12.—St. Francis' Hosp. and Physician, Pittsburgh, Pa.

Cecil, Arthur Bond—A. B. St. John's 1905; Late Asst. Surg. U. S. Navy, 1909-10; Grad. U. S. Naval Med. Sch. 1910; Asst. Surg. N. Y. Naval Hosp. 1910; Asst. to Dr. Young, 1911-12; Asst. Res. Surg. 1912-13.—Surgeon, Los Angeles.

Child, Florence Chapman—A. B. Bryn Mawr 1905; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1909-10; Interne, Babies' Hosp. N. Y. 1911; Clin. Asst. Gyn. and Pediatrics, Women's Hosp. of Phila. 1912; Visit. Phys. Florence Crittenden Home of Phila. 1913; Sch. Med. Inspector, 1913-15.—Asst. Kensington Disp. for Tub. Chf. Clinic, Chldn. Jewish Hosp. Disp., Med. Inspector Div. of Child Hygiene, and Physician, Philadelphia.

Cole, Walter Francis—S. B. Clemson 1902; A. B. North Carolina 1905.—Surgeon, Greensboro, N. C.

Connett, Harry Lewis — Ph. B. Ohio Univ. 1905; Phys. Dr. Hyde's Private Hosp. Nelsonville, O. 1910-12.—Asst. Prof. Pathol. Creighton Med. Sch. and Physician, Omaha, Neb.

Crawford, Jennings—Ph. B. Coe 1905; Interne, Hartford Hosp. Conn. 1909-11.—Physician, Cedar Rapids, Ia.

Dimon, James Watson Williams—A. B. Williams 1905; House Phys. Faxton Hosp. Utica, N. Y. 1909-10.—Physician, 1300 State St., Utica, N. Y.

Elliott, John Roscoe — A. B. Western Maryland 1905.—Interne and Asst. Supt. R. I. Gen'l Hosp. Providence, 1909-12.—Physician, Laurel, Del.

Emmert, Max—A. B. Iowa 1905.—Asst. in Surg. U. of Nebr. and Surgeon, 409 Brandeis Bldg., Omaha, Neb..

Essick, Charles Rhein—A. B. Yale 1905; Asst. Instr. and Assoc. in Anat. 1909-15.—520 Franklin St., Reading, Pa.

Estes, William Lawrence, Jr. — A. B. Lehigh 1905; R. H. O. 1909-10; Asst. in Mayo Clinic, Rochester, Minn. 1910-12.—Chief Staff, St. Luke's Hosp. Consult. Phys. Lehigh Univ. and Physician, So. Bethlehem, Pa.

Ferenbaugh, Thomas Ludlow—A. B. Kenyon 1905; Grad. Army Med. Sch. Wash. D. C. 1910.—Captain, Med. Corps, U. S. Army, Fort McIntosh, Tex.

Fisher, Arthur Oscar—A. B. Wisconsin 1905; R. H. O. 1909-10; Asst. Res. Surg. 1910-11; Asst. in Surg. Washington Univ. 1911-14.—Instr. *ibid.* and Visit. Surg. St. Louis City Hosp.; Asst. Surg. Barnes Hosp.; Surg. O. P. D. Wash. Univ. and Surgeon, St. Louis.

Fletcher, H. Quigg — A. B. Georgia 1904; R. H. O. 1909-10; Asst. Res. Surg. U. P. I. Balt. 1910-11.—Visit. Phys. Baroness Erlanger Hosp. Woolford Infirmary; Director, Health and Sanitation, City of Chattanooga; 1st Lieut. M. R. C. U. S. Army, and Physician, Chattanooga, Tenn.

Gentry, Ernest Robert—A. B. Kansas 1905, and Med. Dept. 1905-1906; Army Med. Sch. Washington, D. C. 1909-10; Lab. Surg. Gen'l Office, Wash. Summer, 1910; 1st Lieut. Med. Corps, U. S. Army, Ft. Leavenworth, Kans. 1910-11.—Mem. U. S. Army Bd. for Study Trop. Diseases, and Capt. Med. Corps, U. S. Army, Ft. Screven, Ga.

Girdwood, Ethel Mathews—(Mrs. George Peirce), A. B. Bryn Mawr 1903; Asst. in Pathol. Univ. Wisconsin, Madison, 1912-13.—New York.

Goetsch, Emil—S. B. Chicago 1903, and Ph. D. 1906; Fellow, Asst. and Assoc. in Anat. *ibid.* 1904-08; Research Asst. Dept. of Exp. Therapeut. *ibid.* 1908 and 1909; Asst. in Surg. (H. L.), 1909-10; Asst. Res. Surg. 1910-12; Res. Surg. Peter Bent Brigham Hosp. and Asst. in Surg. Harvard Med. Sch. Boston 1912-15.—Assoc. in Surgery.

Hart, William Ernest—S. B. Washington and Jefferson 1905; House Gynecol. Roosevelt Hosp. N. Y. 1909-11; Interne, Manhattan Maternity Hosp. 1911; Tuxedo Hosp. Tuxedo, N. Y. 1911-12.—Asst. Attend. Surg. Washington Hosp. Con. Phys. Hilleview Sanitarium, and Physician, Washington, Pa.

Harvey, Thomas William, Jr. — S. B. Princeton 1905; Interne, Presbyterian Hosp. N. Y. Surg. N. Y. Lying-in Hosp. (to Jan. 1912).—Asst. Attend. Surg. Orange Mem. Hosp. Anest. New Jersey Ortho. Hosp. and Physician, Orange, N. J.

Jeans, Philip Charles — A. B. Kansas 1904; Interne, Hartford Hosp. Conn. 1909-10; Interne, Children's Hosp. Boston, 1910-11; Interne, Boston Floating Hosp. Res. Phys. Boston Disp. Hosp. for Children, 1911-12; Res. Phys. St. Louis Child. Hosp. 1912-13; Asst. and Instr. in Pediatrics, Wash. Univ. Med. Sch. from Sept. 1912-16; Asst. Phys. St. Louis Chldn. Hosp.; Phys. Wash. Univ. Disp.; Assoc. in Pediatrics, Washington Univ. Asst. Phys. Children's Hosp. and Physician, St. Louis.

Kingsley, Charles Rawson, Jr.—S. B. New York Univ. 1905; R. H. O. 1909-10.—Pathol. St. Vincent's Hosp. Adj. Phys. S. R. Smith Infirmary; Asst. Visit. Phys. Sea View Hosp. and Physician, West New Brighton, N. Y.

Mann, Baldwin—A. B. Williams 1905; House Officer, N. Y. City Hosp. 1909-10.—Instr. in Med. U. of Buffalo; Asst. Attend. Med. Erie Co. Hosp. and Physician, 469 Franklin St., Buffalo, N. Y.

Meader, Fred Marlin—S. B. Wesleyan (Conn.) 1902, and M. S. 1905.—Dir. Div. Communicable Diseases, N. Y. State Dept. Health, Albany.

Moss, Philip Ball—S. B. Central (Ky.) 1905; Interne, Union Prot. Infirmary, 1909-10; State Pathol. Montgomery, Ala. 1910-16.—Phys. and Surg. Selma, Ala.

Murphy, James B.—S. B. North Carolina 1905; Med. Interne, Pathol. Inst. Ward's Is. N. Y. 1909-10.—Assoc. Mem. The Rock. Inst. for Med. Res New York.

Nixon, Patrick Ireland—A. B. Texas 1905; R. H. O. 1909-10; Asst. Res. Surg. 1910-11.—Surgeon, Hicks Bldg., San Antonio, Texas.

Pretz, George Rupp—S. B. Penna. Coll. 1905, and M. S. 1908.—Eye, Ear, Nose and Throat, Lebanon, Pa.

Schaefer, Solomon W.—A. B. Washington and Lee 1904; R. H. O. 1909-10; Gyn. County Hosp. and Surg. Attend. Free Disp. and Phys. Portland, Ore. 1910-12; Res. Phys. The Glockner Sanatorium 1912-15.—Physician, 612 Exchange Natl. Bank, Colorado Springs.

Sellards, Andrew Watson—A. B. Kansas 1903, and A. M. 1904; Instr. Tropical Med. and Asst. Res. Phys. Philippine Gen'l Hosp. and Asst. to Bureau of Science, Manila, P. I. 1909-11; Asst. Res. Phys. and Instr. in Med. in chg. Chem. Div. Med. Clinic 1911-14; Assoc. in Trop. Med.—Harvard Med. Sch. Boston.

Sprunt, Thomas Peck—A. B. Davidson 1903; Asst. Instr. and Assoc. in Pathol. and Asst. Res. Phys. 1909-15.—Instr. in Med. and Res. Physician.

Stewart, James Russell — A. B. Lake Forest 1905; Interne, New Haven Hosp. Conn. 1909-10.—Asst. Res. Adirondack Cottage, Sanitarium, Saranac Lake, 1911-12.—Physician, Hageman Bldg., Colorado Springs, Colo.

Stick, Edward Wentz—A. B. Franklin and Marshall 1904; House Officer, M. E. Hosp. Philadelphia, 1909-10; Chief Res. Phys. Kensington Hosp. for Diseases of Women, Phila. 1910-11.—Physician, Hanover, Pa.

Thomson, Herbert Sedgefield—S. B. California 1904; House Officer and Surg. New York Hospital, 1909-11; Phys. Public Athletic League and Phys. Baltimore, 1911-12.—Instr. in Surg. Univ. Calif. Med. Dept. and Physician, Berkeley.

***Trotter, Charles Edward**—S. B. N. C. Coll. Agricult. and Mechanic Arts 1903; Grad. Student 1904-05.

Waite, Robert Lester — Ph. B. Yale 1905; Clin. Asst. South Balt. Eye, Ear and Throat Charity Hosp. 1909-10.—Asst. Ophthalmic and Aural Surg. Hartford Hospital, and Physician, Hartford, Conn.

Walker, Isaac Chandler—A. B. 1905; Grad. Student Harvard 1909; Med. House Officer, Carney Hosp. Boston, 1909-11; Lect. Clin. Micpy. and Phys. Diag. Univ. of Ia. Iowa City, 1911-12; Grad. Student, Freiburg 1912; Asst. in Pharmacol. Harvard Med. Sch. 1913; Asst. in Med. Harvard and Act. Res. Phys. Peter Bent Brigham Hosp. 1914; Military Hosp. France, 1915.—Clin. Inves. and Assoc. Med. Peter Bent Brigham Hosp. Boston.

Wallace, William Glenn—S. B. Hanover 1905; Interne, New Haven Hosp. Conn. 1909-11. — Physician, Mattoon, Ill.

Walton, Duncan Cameron — A. B. St. John's 1905.—Passed Asst. Surg. U. S. Navy Dept. Physical Training, Annapolis.

Watkins, Leon Harlan—A. B. Southern 1903, and A. M. 1905; R. H. O. Asst. Res. and Res. Gynecol. 1909-14.—Physician, Opelika, Ala.

Webb, Charles Wallace—S. B. Arkansas 1905; R. H. O. 1909-10; Res. Surg. Clifton Spgs. Sanitarium, N. Y. 1910-12; Asst. Res. Physician, 1912-13.—Surg. Clifton Spgs. Sanitarium, Clifton Springs, N. Y.

Wiesender, Arthur James—A. B. Ripon 1905; R. H. O. 1909-10.—Physician, Berlin, Wis.

Woltereck, Gustav Herman—A. B. 1905; Asst. Phys. Balt. City Jail, 1909-10; Asst. Phys. Maryland Penitentiary, 1910-12; Asst. in Pathol. Coll. P. and S. 1912-15.—Throat Inspec. for Baltimore, and Physician, Baltimore.

Wyatt, Walter Simrall—S. B. Alabama 1904, and M. S. 1905; Med. Interne, Lakeside Hosp. Cleveland, 1909-11; House Officer, Boston City Hosp. Boston, 1911.—Physician, Security Trust Bldg., Lexington, Ky.

Youmans, Iva Catherine—A. B. Converse 1897; N. Y. Univ. Summer Sch. 1904; Interne, N. Y. Infirmary for Women and Children, 1909-10.—Asst. Bacteriologist, State Bd. Health, Miami, Fla.

***Coan, Thomas Patrick**—A. B. Mt. St. Joseph 1903. (*Degree granted March 7, 1910*). **Feb.* 2, 1912.

Cooper, Ernest—A. B. South Carolina 1900; Pathol. and Bact. State Hosp. for Insane, 1911-13.—Supt. S. C. Sanatorium, Columbia, S. C. (*Degree granted January* 3, 1910.)

*Torrey, Julia Maria — A. B. Boston Univ. 1888. (*Degree granted January* 3, 1910.) **May*, 1911. (53)

Class Secretary—Walter A. Baetjer, 16 W. Madison St., Baltimore.

1910

Allen, Mary Dayton (Mrs. George F. Zoeckler)—A. B. Mt. Holyoke 1905; R. H. O. 1910-11; Res. Phys. The Woman's Hosp. Hamadan, Persia, 1912-14.—Physician, Dautababad, Malayir, Persia.

Armstrong, Edward McPherson — A. B. Princeton 1904; Rhodes Scholar, Oxford 1905-08; and B. Sc. 1908; Student, Prag. and Edinburgh Universities (Summers, '06 and '07); Surg. House Officer and Surg. New York Hosp. 1910-12; Res. Surg. Tuxedo Hosp. Tuxedo, N. Y. 1912-13.—Asst. Adj. Attend. Surg. Bellevue Hosp. Asst. in Surg. Hosp. Rupt. and Crippled, N. Y., Asst. in Clin. Surg. Cornell, and Surgeon, 42 E. 66th St., N. Y.

Baker, Moses Haven — S. B. Purdue 1905; Interne and Res. St. Francis' Hosp. Pittsburgh, 1910-12.—Physician, Diamond Bank Bldg., Pittsburgh.

Barbour, Henry Gray — A. B. Trinity (Conn.) 1906; Fellow in Pathol. 1910-11; Research Student, Freiburg, Germany, 1911, Vienna, 1912, and London, 1913.—Asst. Prof. Pharm. Yale Med. Sch. New Haven, Conn.

Boehm, Emil—S. B. St. Louis Univ. 1906; Interne, Bellevue Hosp. N. Y. 1910-13.—Surgeon, 715 N. 8th St., St. Louis, Mo.

Bole, William Symington—S. B. Montana Agricult. 1906.—Physician, Great Falls, Mont.

Bookwalter, Carl Ferdinand—S. B. Purdue 1900; Asst. and House Surg. N. Y. Eye and Ear Infirm. 1910-11; Interne, Kingston Ave. Hosp. Brooklyn, N. Y. 1912; Grad. Work, Europe, 1912-13. — Instr. in Otology, Northwestern Univ. Asst. Attend. Otol. Wesley Mem. Hosp. Asst. Surg. Ill. Char. Eye and Ear Infirm. and Physician, Chicago, Ill.

Butler, Ethan Flagg—A. B. Princeton 1906; Volun. Med. Asst. Labrador Med. Mission, Summers, 1908-1909, and 1910; Asst. Mayo Clinic, Rochester, Minn. 1911-14; Director, Serbian Unit 2, Amer. Red Cross, War Relf. Detachment, 1914-15.—1st Lieut. Med. Reserve Corps, U. S. A., 84 Ashburton Ave., Yonkers, N. Y.

Calihan, Walter Austin—A. B. Rochester 1906; Res. Surg. St. Agnes' Hosp. 1910-12.—Jr. Surg. St. Mary's Hosp. and Surgeon, Rochester, N. Y.

Carter, Ross Stagg—A. B. Leland Stanford, Jr. 1905.—Physician, San Diego, Cal.

Chambers, Thomas Rodney—A. B. 1906; Interne, St. Agnes' Hosp. 1910-11; Asst. in Pathol. Mercy Hosp. 1911-12; Assoc. in Surg. Coll. P. and S. 1913-14.—Coroner, Asst. Disp. Surg. and Physician, Baltimore.

Choate, Joseph Lynn—A. B. Leland Stanford, Jr. 1906; A. M. Southern Calif. 1907, and Med. Student 1906-08; Cooper Med. Coll. 1907; Student, Strassburg and Freiburg 1909, and München, 1912.—Physician, 215 W. 6th St., Los Angeles.

Cody, Claude Carr, Jr.—A. B. and A. M. Southwestern 1904 and 1905; Student of Medicine 1905-07; Interne, Bellevue Hospital, New York, 1907-09.—New Orleans, La.

Conner, Haskett Lynch—A. B. DePauw 1906; Interne, Church Home and Infirmary, 1910-11.—Physician, Claypool Bldg., Indianapolis, Ind.

Collenberg, Henry Theodore—A. B. 1906.—Physician, 3103 Clifton Ave., Baltimore.

Costello, Henry Nicholas—A. B. Yale 1906; Interne, Hartford Hosp. Conn. 1910-12.—Asst. Visit. Surg. Hartford Hosp. Mem. Health Comm. and Surgeon, Hartford.

Dandy, Walter Edward—A. B. Missouri 1907, and Student of Med. 1906-07; A. M. J. H. U. 1911; Asst. in Surg. Hunterian Lab. 1910-11.—Asst. Res. Surg. and Instr. in Surg.

Deming, Clinton Demas — A. B. Yale 1907, and Student of Med. 1906-07; Asst. in Pathol. 1910-11; Interne, Hartford Hosp. 1911-13.—Asst. Visit. Surg. Hartford Hosp. and Surgeon, Hartford, Conn.

Denzer, Bernard Solomon — A. B. Columbia 1906; Interne, The German Hosp. New York, 1910-13. — Asst. Admit. Phys. German Hosp. Adj. Attend. Phys. Lebanon Hosp. and Physician, N. Y.

Devan, Thomas Alan — S. B. Rutgers 1906. — Interne, Presbyterian Hosp. New York.

Edlavitch, Baruch Mordecai—A. B. 1906; Res. Pathol. Hebrew Hosp. Baltimore 1910-11; Pathol. Univ. Hosp. Ia. State Univ. Iowa City, 1912.—Pathol. Hope Hosp. and Physician, Fort Wayne, Ind.

Engle, Ralph Landis—A. B. Lebanon Valley Coll. 1905; A. M. Yale 1906; Interne, Bellevue Hosp. N. Y. 1911-13; Grad. Student, Univs. Vienna and Berlin 1913.—Physician, 827 S. 60th St., Philadelphia.

Fenton, Horace Burnett—A. B. Oregon 1906; Instr. Physiol. and Thera. U. of Ore. Med. Sch. 1911-13.—Physician, Stevens Bldg., Portland, Ore.

Gilcreest, Edgar Lorrington — A. B. Texas 1906; Interne, Lakeside Hosp. Cleveland, 1910-13; Serbian Red Cross Surg. at Kragoujevaatz, Servia, and Vol. Asst. Surg. Staff Univ. Gratz, Austria, 1913-14; Amer. Red Cross Surg. Paignton, England, 1915.—Surgeon, Gainesville Sanitarium, Gainesville, Tex.

Ginsberg, Hyman—B. S. Georgia, 1906; Interne, Lane Hosp. San Francisco, 1910-12; Asst. in Surg. Birmingham Med. Sch. Gynecol. Hillman Hosp. Birmingham, Ala. 1912-15.—Surgeon, Pensacola, Fla.

Gorham, Lemuel Whittington — A. B. Yale 1906; R. H. O. 1911; Asst. in Path. City Hosp. Boston, 1912-13.—Instr. in Med. Albany Med. Coll. Asst. Attend. Phys. St. Peter's Hosp. and Physician, Albany, N. Y.

Grimes, William Lawrence—S. B. North Carolina 1906; Res. Surg. Union Protestant Infirmary 1910-14. — Surgeon, Winston-Salem, N. C.

Hall, Crowell Clarinton, Jr.—A. B. Bowdoin 1906.—Physician, Foxcroft, Me.

Hegeman, Runkle Fisher—A. B. Princeton 1906; R. H. O. 1910-11; Res. Phys. N. Y. Foundling Hosp. N. Y. 1911-12; Res. Phys. N. Y. Nursery and Child's Hosp. 1912-13; Res. Surg. St. Mary's Free Hosp. for Children, N. Y. 1913.—Obstet. Somerset Co. Hosp. and Physician, Somerville, New Jersey.

Jarvis, Henry Gildersleeve—A. B. Yale 1906; Interne, Conn. Hosp. for the Insane, Middletown (to Jan. 1, 1911); Interne, Hartford Hosp. Conn. (after Jan. 1911.—Physician, 98 High St., Hartford.

Johann, Albert Eugene—A. B. Christian 1906; Grad. Student, Chicago Summer of 1906; Senior House Officer, Boston Floating Hosp. (Summer, 1911); Interne, Boston Children's Hosp. 1910-12.—Div. Hygiene, Pub. Schs. Lincoln, Neb.

Ledbetter, Samuel Laban, Jr. — S. B. Alabama 1906; Res. Surg. Lakeside Hosp. and Clin. Asst. Surg. Med. Dept. West. Reserve Univ. Cleveland 1910-15.—Visiting Surg. St. Vincent's Hosp. Assoc. Surg. Hillman Hosp. and Surgeon, Nat. Bank Bldg., Birmingham, Ala.

Major, Ralph Herman—A. B. William Jewell 1902; Student, Leipzig, Munich and Chicago, 1904-06; R. H. O. 1910-11; Asst. Res. Phys. and Asst. in Med. 1910-12; Instr. Pathol. Stanford Med. Sch. San Francisco 1912-14.—Prof. Pathol. Univ. Kansas, Rosedale.

Mattice, Albert Francis—S. B. South Dakota State Coll. 1904, Ph. G. Washington State Coll. 1906; Ophthal. Clinic and Bacteriol. Research with Prof. Theo. Axenfeld, Freiburg, Germany, 1910-12; Ophthal. Clinic and Pathol. with Prof. E. Fuchs, Vienna, Austria 1912-13; Private Asst. Dr. Alex. Duane; Clin. Asst. Herman Knapp Mem. Eye Hosp. N. Y. 1913-14.—Oculist, Cobb Bldg., Seattle, Wash.

Miller, Sydney Robotham—S. B. New York Univ. 1905; R. H. O. 1910-11; Asst. in Clin. Med. and Dir. of Med. Lab. Phipps Psychiatric Clin. 1912-15.—Instr. in Clin. Med. Dispen. Physician, and Physician, Baltimore.

Monroe, Dana Elbra—A. B. Texas 1906; Interne, Nursery and Child's Hosp. N. Y.—House Officer, Post-Grad. Hosp. New York.

Morris, Raymond Bartlett—A. B. Yale 1907, and Student of Med. 1906-07; Interne, Union Protestant Infirmary, Baltimore, 1910-11. — Attend. Surg. Higgins Mem. Hosp. and Physician, Olean, N. Y.

Morrison, Angus Washburn—A. B. Yale 1906; Interne, Royal Victoria Hosp. Montreal, 1910-11; Europe, 1911-12. —Instr. Nerv. and Mental Diseases, Univ. of Minnesota, and Physician, Minneapolis.

Morse, Douglas Howell—S. B. California 1907, and Med. Student, 1906-07; R. H. O. 1910-11; Clin. Path. Wash. Univ. Med. Sch. St. Louis, 1911-12; Path. Pomona Valley Hosp. 1914-15.—Div. Lab. Barlow Sanatorium, Los Angeles, Cal.

Neel, James Craig—Ph. B. Marietta 1906; R. H. O. and Asst. Res. Gyne. 1910-14; Gynecol. in Chg. Res. Gynecol. and Instr. in Gynecol. 1914-15. —Instr. Gyne. and Obstet. U. of Calif. and Assoc. Gyne. Univ. Hosp. San Francisco.

Newcomb, William Bradford—A. B. William and Mary 1906; House Phys. New York Hosp. 1910-12; Asst. Pathol. *ibid.* 1912-13.—Attend. Phys. St. Christopher's Hosp. and Pathol. Norfolk Prot. Hosp. and Physician, Norfolk, Va.

Nichols, Firmadge King—A. B. 1906.—Res. Phys. Obstet. and Gynecol. St. Agnes' Hosp. 1910-12.—Assoc. in Gynecol. and Obstet. St. Agnes' Hosp. Assoc. in Physiol. Coll. P. and S. 1st Lieut. Med. Res. Corps, U. S. Army, Post. Surg. Ft. Howard, Asst. Dispen. Phys. and Physician, Baltimore.

Nicholson, Samuel Timothy, Jr.—A. B. North Carolina 1906; Res. Phys. Telfair Hosp. for Women, Savannah, Ga. June, 1910-July, 1911; Visit. Phys. St. Joseph Lead Co. Hosp. Bonne Terre, Mo. July, 1911-Dec. 1911; Asst. Clin. Pathol. Washington Univ. Hosp. St. Louis, 1912; Supt. Sydenham Hosp. for Infectious Diseases, Baltimore, 1912-13; Pathol. Clifton Spgs. Sanitarium, New York, 1914-15. —Physician, Clifton Spgs, N. Y.

Norton, Willey Higby—A. B. Ohio 1906; —Res. Gynecol. Lakeside Hosp. Cleveland, 1910-12; Res. Surg. Hinton Hosp. Hinton, W. Va. 1912-13; Prof. Bact. and Asst. Dean, Univ. Oregon, 1914-15. — Phys. and Surg. Corbett Bldg., Portland, Ore.

Orr, Thomas Grover—A. B. Missouri 1907; Student of Med. 1906-07; Interne, Kansas City Gen'l Hosp. Mo. (July 1 to Jan. 1); House Officer, Hudson St. Hosp. New York, 1911-12; House Surg. St. Mary's Hosp. for Children, N. Y. 1912-13.—Asst. Prof. Surg. U. of Kansas, Chf. O. P. D. Surg. Clin. Univ. of Kansas, and Surgeon, Kansas City.

Pratt, Jean Paul — A. B. Ohio State 1906; R. H. O. and Asst. Res. Surg. 1910-13. — Instr. in Surg. Univ. of Calif. San Francisco.

Ramage, Chesney Macauley—S. B. West Virginia Univ. 1907, City Bacteriol and Physician, Fairmont, W. Va.

Rhodes, Robert Lewis — A. B. Emory 1906; Gynecol. Jefferson Hosp. Roanoke, Va. 1910-16.—Surg. 2505 Belleview Ave., Augusta, Ga.

Robinson, Harry Hungate—A. B. Michigan 1907, Med. Student 1906-08; Interne, St. Elizabeth's Hosp. Elizabeth, N. J. 1910-12.—1st Lieut. Med. Res. Corps, and Physician, Spokane, Wash

Rogers, Walter Black—A. B. Washington and Jefferson 1906; Interne, St. Francis' Hosp. Pittsburgh, 1910-11.—Res. Surg. Lakeside Hosp. Clin. Res. Surg. West. Res. Univ. Cleveland.

Rohde, Alice — S. B. Chicago 1903.—Mary Putnam Jacobi Fellowship, Berlin, German, 1910-13; Instr. Physiol. Chem. Carnegie Inst. of Tech. Pittsburgh, Pa. 1913-14; Asst. in Pharmacol. 1914-16.—Instr. in Exp. Med. U. of Cal. San Francisco.

Rosenfeld, James Wendel—A. B. Leland Stanford, Jr. 1906; Asst. Phys. Kgl Univ. Kinderklinik, Breslau, 1910-12. —Instr. in Ped. Univ. of Oregon, and Pediatrician, Portland.

Sanderson, Raymond—S. B. Princeton 1905; Asst. Res. Phys. The Sanitarium, Clifton Springs, N. Y. 1910-11; Bact. and Pathol. Ontario and Yates Counties Lab. Canandaigua, N. Y. 1911-14.—Pathol. Ulster Co. Lab. and City of Kingston Hosp. Kingston, N. Y.

Semmes, Raphael Eustace, Jr.—A. B. Missouri 1907, and Student of Med. 1906-07; R. H. O. 1910-11; Interne Woman's Hosp. N. Y. 1911-12.—Assoc. in Surg. Univ. Tenn. Asst. Attend. Surg. Brinkley Mem. and City Hosps. and Surgeon, Memphis, Tenn.

Senseny, Herbert Milford—A. B. Adelbert 1906; Interne, Milwaukee County Hosp. Wauwatosa, Wis. 1910-12. — Oculist and Aurist, Ft. Wayne, Ind.

Sheetz, John William—Ph. B. Franklin and Marshall 1906; Interne, St. Francis' Hosp. Pittsburgh, 1910-12; Asst. Res. Phys. 1912-13.—Physician, 207 E. State St., Columbus, O.

Stephenson, Henry Augustus—A. B. Randolph-Macon 1906; R. H. O. and Asst. Res. Obstet. 1910-12; Res. Obstet. and Instr. in Obstet. 1912-14. —Asst. Prof. Obstet. and Gynecol. Stanford Univ. San Francisco.

Taylor, Howard Lester—A. B. Oberlin 1906; Res. Phys. Lakeside Hosp. Cleveland, 1910-13.—Instr. Med. West. Res. Univ. and Physician, Cleveland.

Thornton, William Lawson—S. B. Alabama Polytech. 1903; Interne, Union Protestant Infirmary, 1910-12.—Physician, Empire Bldg., Birmingham, Ala.

Tredway, Thomas Palmer—A. B. Western Maryland 1906; Interne, Adrian Hosp. Punxsutawney, Pa. 1910-11.—Med. Inspec. Erie Pub. Schs. Pathol. Hamat Hosp. Phys. Home Friendless, and Physician, Erie, Pa.

Valk, Arthur deTalma—A. B. St. John's 1906, M. A. 1911; R. H. O. 1910-11; Res. Surg. Kernan Hosp. for Crippled Children, 1911-12.—Surgeon, Winston-Salem, N. C.

Vanorden, Herbert Francis—Ph. B. Yale 1907, and Student of Med. 1906-07; Jr. Int. Boston Floating Hosp. 1909; Interne, Kansas City Gen'l Hosp. 1910-11.—Instructor in Gyne. and Obstet. Kansas Univ.; Obstetn. Florence Crittenton Home, and Physician, Kansas City, Mo.

Watson, Clyde Emil—S. B. W. Virginia 1905; Interne, Samuel Merritt Hosp. Oakland, Cal. 1910; Asst. Prof. Anat. and Path. West Virginia Univ, and Phys. Morgantown, W. Va. 1910-12.—Physician, Nampa, Idaho.

Watson, Helen—(Mrs. M. C. Winternitz), A. B. Wellesley 1905; R. H. O. Asst. Res. Phys. and Asst. in Med. 1910-14.—Windsor Hills, Baltimore.

Weinberg, Milton—A. B. South Carolina 1906; Asst. Dir. Rural Sanitation for So. Car. Manning, 1910-12.—Physician, Telfair Hosp. for Women, and Physician, Savannah, Ga.

Wenning, Theodore Henry—A. B. St. Xavier 1904; Grad. Student, Cincinnati 1904-06; Interne, Roosevelt Hosp. N. Y. 1910-12; Red Cross Volun. Serbian Sanitary Corps, Kraguwatz, 1913. — Attend. Phys. St. Mary's Hosp.; Instr. Biol. St. Xavier Coll. and Physician, Cincinnati.

Wesson, Miley Barton — S. B. Texas 1902; Interne, Hudson St. Hosp. N. Y. 1910-12.—Dir. El Paso Pasteur Inst. 1st Lieut. Med. Res. Corps, and Phys. and Surg. El Paso, Tex.

Whitcraft, James Harvey—S. B. Wooster 1905; Interne, Kansas City Hosp. Mo.

(after Jan. 1, 1911).—Physician, Wilkinsburg, Pa.

Zartman, Luke V.—A. B. Ohio State 1906; Interne, Hosp. for Women of Maryland; Act. Asst. Res. J. H. H. 1910-11; Res. Church Home and Infirmary, 1911-13.—Instr. in Surg. Ohio State Univ. and Surgeon, Columbus, Ohio. (69)

Class Secretary—Thomas A. Devan, Highland Park, New Brunswick, N. J.

1911

Adams, Lester—A. B. Bowdoin 1907; Interne, St. Francis' Hosp. Pittsburgh, Pa. 1911-12; Res. Phys. City Hosp. Bayview, 1912-14. — Pathol. Eastern Maine Gen'l Hosp. Bangor.

de Angulo, Cary Fink—A. B. Vassar 1906; Student, Harvard 1911-12.—Stanford Univ. Calif.

Bedinger, John Van Doren—S. B. Princeton 1907; Interne, Willard Parker and Bellevue Hosps. N. Y. 1911-13.—Asst. in Pediatrics, Univ. of Louisville; Visit. Phys. City Hosp. and Physician, Louisville, Ky.

Bennett, Walter Scott—A. B. Colgate 1904; Interne, Norwegian Hosp. Brooklyn, N. Y. 1911-12; Res. Seaton Hosp. N. Y. 1913; Asst. Phys. Sailors' Snug Harbor Hosp. New Brighton, S. I. N. Y. 1914.—Asst. Attend. Phys. Norwegian Hosp. and Physician, Brooklyn, N. Y.

Bird, William Edwin, Jr.—A. B. 1907; Asst. Res. Surg. St. Agnes' Hosp. Baltimore, 1911-12; Res. Surg. *ibid.* 1912-13.—Ed. Del. State Med. Jour. and Surgeon, 907 Deleware Ave., Wilmington, Del.

Bloomfield, Arthur Leonard—A. B. 1907; R. H. O. 1911-12; Asst. Res. Phys. and Asst. in Med. 1912-16.—Instr. and Res. Physician and Med. Adviser to Students.

Booth, John Rochester—A. B. Randolph-Macon 1907; Interne, Bellevue Hosp. N. Y. 1912-13; Interne, Manhattan Maternity Hosp. N. Y. 1913-15.—Physician, 378 Monroe Ave., Rochester, N. Y.

Brockway, George Edward, Jr.—A. B. Williams 1907; Summer Session, Cornell 1907; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1911-13; Interne, Bellevue Hosp. 1913-14; Res. Ped. St. John's Guild, Floating Hosp. N. Y.; Res. Phys. Kings Co. Hosp. 1914-15.—Phys. chg. Chldn. Disp. King's Co. Hosp.; Asst. in Pediatrics, *ibid.*, and Physician, 150 Lafayette Ave., Brooklyn, N. Y.

Brooks, Barney—S. B. Texas 1905; R. H. O. 1911-12; Res. Surg. Barnes Hosp. 1914-16.—Instr. in Surg. Wash. Univ. Med. Sch. St. Louis.

Carter, Earle Buell—Ph. B. Yale 1907; Interne, Norwegian Hosp. Brooklyn, N. Y. 1911-13.—Physician, 631 Albany Ave., Hartford, Conn.

Cohn, Joseph David—A. B. Texas 1907. Visit. Surg. Spohn Sanitarium, in chg. G.-U. Dept. Charity Clinic, and Physician, Corpus Christi, Tex.

Collinson, John, Jr.—A. B. St. John's 1907; Interne, James Walker Mem. Hosp. Wilmington, N. C. 1911-12; Res. Phys. Polyclinic Hosp. Philadelphia, 1912-13; Interne, N. Y. Nursery and Child's Hosp. N. Y. 1913; Sanitary Field Dir. Internat. Health Comm. N. C. 1913-15; Ga. 1915; Va. 1915-16.—Md. Dept. Health, Deputy State Health Office.

Colston, John Archibald Campbell—Ph. B. Yale 1907; R. H. O. 1911-12; Asst. Res. Surg. 1912-14.—Instr. Urology.

Council, Melton Downie—Ph. B. Emory 1905; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1911-12; Res. Phys. Macon (Ga.) Hosp. 1912-13.—Physician, 320 Orange St., Macon.

Crawford, Francis Randolph — A. B. Washington and Lee 1906; Interne, St. Francis' Hosp. Pittsburgh, 1911-12; Asst. Surg. Clifton Springs Sanitarium, N. Y., 1912-13; Student, Berlin, 1913-14. — Physician, Kiangyin Hosp. Sthn. Presby. Mission, Kiangyin, China.

Davis, David Melvin—S. B. Princeton 1907; Interne, City Hosp. Bayview, 1911-12; Asst. in Pathol. 1912-14.—Pathol. Brady Urol. Inst. and Assoc. in Urology.

De Sautelle, William Thomas — A. B. Wisconsin 1908, and Student of Med. 1907-08; Interne, Harlem Hosp. New York, 1911-12; Pathol. Lincoln Mem. Hosp. Knoxville, 1912-13.—Visit. Path. and Bact. Knoxville Gen'l Hosp. and Physician, Knoxville, Tenn.

Dunn, William Milas—A. B. Davidson 1903; Summer Session, Columbia 1907; House Officer, Mass. Gen'l Hosp. Boston, 1911-12. — Surgeon, Atlanta, Georgia.

Dunning, Ralph Henry — A. B. Yale 1907; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1911-12; Asst. Phys. St. Lawrence State Hosp. Ogdensburg, N. Y. 1912-13.—Physician, Eastwood, N. Y.

Fried, Hiram—A. B. 1907; Interne, City Hosp. Bayview, 1911-12; Asst. Phipps Research Lab. for Tuberculosis, 1912-13; Pathol. Church Home and Infirm. 1913-15.—Asst. Disp. Phys., Asst. in Clin. Med. and Physician, Baltimore.

Frontz, William Archibald—A. B. Princeton 1907; R. H. O. 1911-12.—Res. Urologist.

Fullerton, William Dixon—Ph. B. Yale 1907; Res. Gynecol. Lakeside Hosp.

Cleveland, 1911-13; Interne, Sloane Maternity Hosp. N. Y. 1913-14; Res. Obstet. Maternity Hosp. 1914; Dmnstr. in Obster. Gynecol. West. Res. Univ. Asst. Gynecol. O. P. D. Lakeside Hosp. and Physician, Cleveland.

Gallagher, Hiram—A. B. Catholic Univ. of America 1907; Summer Session, Univ. of Chicago 1907; Winter Semester, Freiburg 1908-09; Interne, St. Francis' Hosp. New York 1911-14; Physician, Strong Bldg., Los Angeles, Cal.

Gilland, Thomas Henry—Ph. B. Lafayette 1907; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1911-12.—Physician, Greencastle, Pa.

Grant, Ernest Owsley—A. B. Central Univ. of Ky. 1907; Interne, Lakeside Hosp. Cleveland, 1912-13.—Asst. in Urol. Univ. of Louisville; Surg. Visit. Urol. City Hosp. and Surgeon, Louisville, Ky.

Grey, Ernest George—A. B. Wisconsin 1907; Asst. in Anat. and Student of Med. 1907-08; R. H. O. 1911-12; Asst. Res. Surg. Peter Bent Brigham Hosp. and Asst. in Surg. Harvard, 1912-16.—Asst. in Surg.

Gross, Elmer Chester—B. L. Whitman Coll. 1906; Res. Phys. Seattle Gen'l Hosp. 1911-12.—Physician, Ellamar, Alaska.

Hammack, Roy Wallace—A. B. Univ. of Oregon 1907.—Instr. and Asst. Prof. Path. and Bact. Univ. of the Philippines, Manila, 1911-14; Interne, Los Angeles Co. Hosp. 1915-16.—City Bact. Los Angeles, Cal.

Hartman, Clifford Clinton—S. B. and M. S. Pennsylvania Coll. 1907; Interne, St. Francis' Hosp. Pittsburgh 1911-12; Fellow in Path. U. of Pittsburgh 1912-13; Asst. Path. Allegheny Gen. Hosp. 1913-14.—Asst. Staff, Allegheny Gen. Hosp. and Physician, Pittsburgh.

Hawkins, William Hall—A. B. Central Univ. of Ky. 1906; Student, Hosp. Coll. of Med. 1906-07; Interne, Bellevue Woman's and Sloan Hosps. New York 1911-15. — Surgeon, Lexington, Ky.

Hendry, Ernest Singleton—A. B. 1907; Asst. Res. Phys. Union Protestant Infirmary 1911-13.—Physician, Stonleigh Ct. Washington, D. C.

Hetfield, William Brawner—A. B. Catholic Univ. of America 1907; Interne, Brooklyn Hosp. New York, 1911-13.—Asst. Surg. U. S. N. Washington, D. C.

Hubert, Anna—A. B. Univ. of Washington 1901, and A. M. 1904; R. H. O. 1911-12; Asst. Res. Surg. N. E. Hosp. for Women and Children, Boston, 1912.—Res. Surg. N. Y. Infirmary, for Women and Children.

***Hudson, William Rutledge**—A. B. Washington and Lee 1906; Interne, Hosp. for Women of Maryland, Balt. 1911-13.—Physician, Huntington, W. Va. (*Drowned, July* 23, 1916.)

Hunnicutt, John Atkinson, Jr.—A. B. U. of Georgia 1907; Interne, Lakeside Hosp. Cleveland, 1911-12; Asst. in Surg. 1912-13.—Surgeon, Mut. Ins. Bldg., Athens, Ga.

Hunt, Barbara — A. B. Vassar 1906; U. of Maine Summer Sch. 1907; Interne, N. Y. Infirm. for Women and Children, 1911-12. — Med. Inspect. Schools, and Physician, Bangor, Me.

Ives, George—A. B. Wisconsin 1907; Med. Student, Univs. of Chicago and Wisconsin 1907-09; Asst. State Bacteriol. Montgomery, Ala. 1911-12; Path. N. Chgo. Hosp. 1912; Asst. Prof. Path. St. Louis Univ. and Pathol. St. John's Hosp. St. Louis, 1912-15.—Physician, Wall Bldg., St. Louis.

Jacobson, Conrad—S. B. Beloit 1900; Grad. Student Chicago, three Summer Qrs. Asst. in Surg. Hunterian Lab. 1911-12.—Asst. Res. Surg. Peter Bent Brigham Hosp. Boston.

Jenison, Nancy Blanche—A. B. Wells 1898; Grad. Student Chicago, 1907.—Interne, N. Y. Infirm. for Women and Children, 1911-12.—Asst. Attend. Phys. N. Y. Infirm., Sheldon Fellow in Med. and Asst. Phys. in Disp. Cornell, and Physician, N. Y.

Judd, Charles Chauncey Winsor—A. B. Kenyon Coll. 1907; Interne, Union Protestant Infirm. Baltimore, 1911-12; Assoc. in Clin. Pathol. Coll. P. and S. and Visit. Clin. Pathol. Mercy Hosp. Con. Path. St. Joseph's Hosp. Assoc. in Med. U. of Md.; Asst. Path. Franklin Sq. Hosp. 1915-16.—Physician, 1701 Madison Ave., Baltimore.

Keith, Norman Macdonnell—A. B. Toronto 1908, and Med. Student 1906-08; Interne, New York Hosp. N. Y. 1912-14.—Instr. in Medicine.

Ketron, Lloyd Warren — A. B. Grant Univ. 1907; Asst. in Dermatol. Disp. 1911-12; Grad. Stu. Dermatol. Clinic Charité Hosp. Berlin, and U. of Vienna, 1912-13.—Instr. in Clin. Dermatol. and Asst. Disp. Phys. and Physician, Baltimore.

Keyser, Tedrow Sylvester—A. B. Wittenberg 1907; Interne, Lakeside Hosp. Cleveland, 1911-12; Interne, Bloomingdale Hosp. 1913; Interne, Phipps Psychiatric Clinic, 1913-14; Res. Phys. and Chf. of Clin. Neurol. Institute, N. Y., 1914-15.—Instr. Nerv. Dis. West. Res. Univ.; Phys. Lakeside Hosp. Disp.; Vis. Neur. City Hosp. and Neurol., 422 Osborn Bldg., Cleveland, O.

***Kinsey, Oliver, Jr.**—A. B. Virginia 1907, and Med. Student, 1907-09; Interne, Church Home and Infirm. Bal-

timore, 1911-12; Surg. U. S. Army, Ft. Washington, Md. (**Died, March 24, 1914.*)

Kissling, Arthur Charles—A. B. Wisconsin 1906, and Med. Student 1907-09; Interne, Jefferson Surgical Hosp. Roanoke, Va. 1911-12.—Asst. Laryn. and Otol. Disp. Rush Med. Coll. Chicago, and Otol. and Laryn., Majestic Bldg., Milwaukee, Wis.

Kline, Benjamin Schoenbrun — A. B. Swarthmore 1907; Interne, City Hosp. Bayview, 1911-12; Asst. in Pathol. 1912-14; Fellow, Phys. and Pharm. Rockefeller Inst. for Med. Resch. New York 1914-15.—Instr. Path. Columbia and Path. Montefiore Home and Hosp. N. Y.

Knott, Howard James—S. B. Whitman Coll. 1907; Res. Phys. Seattle Gen. Hosp. 1911-12.—Assoc. Childn. Clin. Tuber. Div. Seattle Hlth. Dept.; Visit. Phys. City Hosp. Phys.-Chg. Dirland San.; 1st Lt. Med. Res. Corps, U. S. A. and Physician, Seattle, Wash.

Lange, Linda Bartels—A. B. Bryn Mawr 1903; Interne, New York Infirm. for Women and Children, 1911-12; Fellow in Pathol. Rockefeller Inst. 1912-14; Path. The H. A. Kelly Hosp. Inc. 1914-15; Instr. in Path. Wisc. 1915-16.—Asst. in Med.

Leaper, Warren Eugene—A. B. Wisconsin 1908, and Student of Med. 1907-08; Interne, Rhode Island Hosp. Providence, 1911-13; Asst. Res. Gynec. Lakeside Hosp. Cleveland, 1913-14.—Visit. Phys. St. Mary's Hosp. and Brown Co. Tuber. Sanat'm, and Physician, Green Bay, Wis.

Leonard, Veader Newton—Ph. B. Yale 1907; Student Univ. of Freiburg, 1907-08; R. H. O. Asst. Res. and Res. Gyne. and Dispen. Gynecol. 1911-16.—Asst. Attend. Gyne. N. Y. P. G. Hosp.; Surg. Women's Hosp. N. Y., and Surgeon, 28 E 52nd St., N. Y.

Licht, William Henry — S. B. Trinity Coll. (Ct.) 1907; House Phys. Hartford Hosp. Conn. 1913-14; House Phys. (Ped.) Presby'n Hosp. and Interne, Babies' Hosp. N. Y. 1914-16.—Pediatrician, Waterbury, Conn.

Lisser, Hans—A. B. California 1907; R. H. O. 1911-12; Asst. in Med. Washington Univ. Med. Sch. St. Louis 1913-14.—Asst. in Med. U. of Calif. Med. Sch. and Physician, San Francisco.

Luten, Drew William—A. B. Kentucky State Univ. 1901; Fellow, Vanderbilt Univ. 1903-04; Interne, St. Francis' Hosp. Pittsburgh, Pa. 1911-12.—Res. Phys. Barnes Hosp. and Asst. in Med. Washg. Univ. Med. Sch. St. Louis.

MacCurdy, John Thomson — A. B. Toronto 1908, and Student of Med. 1906-08; Fellow in Pathol. 1911-12; Psychiatric Clinics, Munich and Breslau, "Histo-Path. Labs." 1912.—Asst. Psychiatric Inst. Ward's Island, N. Y. Visit. Neur. Randall's Is. Hosp. N. Y.; Asst. Dept. Psycho-Path. Cornell and Physician, 969 Park Ave., New York.

McNeil, Herbert Lee—A. B. Southwestern Univ. 1906; Grad. Student Univ. of Texas 1906-07; Interne, St. Agnes' Hosp. Baltimore, 1911-12; Interne, Willard Parker Hosp. (4 mos.); Phys. in chg. Floating Hosp. St. John's Guild, N. Y. (2 mos.).—Adj. Prof. Clin. Med. and Clin. Path. Univ. Texas, Vis. Phys., Galveston.

Maas, Monroe A.—A. B. Univ. of Alabama 1907; Asst. Res. and Res. Church Home and Infirm. Baltimore, 1911-14.—Physician, Selma, Ala.

Merriam, Charles Goodwin—A. B. Yale 1907.—Surg. Md. Steel Co. Sparrows Pt., Md.

Miller, James Raglan—A. B. Yale 1907; Voluntarärzt, Univ. Frauenklinik, Munich, Friberg and Vienna, Germany, 1911-14; Visit. Obstet. Hosp. Women of Md. Instr. in Clin. Obstet. 1914-15.—Physician, 257 Laurel St., Hartford, Conn.

O'Donnell, James Aloysius—A. B. Loyola 1906; Grad. Student 1906-07; Res. Gynecol. and Obstet. St. Joseph's Hosp. 1911-13.—Physician, 405 Warren Ave., Baltimore.

Perkins, Ralph Sherburne—A. B. Dartmouth 1907; Interne, Worcester City Hosp. Worcester, Mass. 1911-12.—Physician, Exeter, N. H.

Plass, Everett Dudley—A. B. Colgate 1907; R. H. O. 1911-12; Asst. in Obstet. and Asst. Res. Obstet. for 1912-14.—Asst. Res. Gynecol. Sloan Hosp. for Women, N. Y. 1913-14; Res. Obstet. 1914-15.—Instr. in Obstet. and Asst. Visit. Obstetrician.

Potter, Caryl Ashby—A. B. Missouri 1908, and Student of Med. 1907-08; House Gynecol. Roosevelt Hosp. New York, 1911-13; Prof. Prac. Med. Ensworth Med. Coll. 1913-14.—Attend. Surg. St. Joseph's, Ensworth and Noyes Hosps.; Pres. St. Joseph's Surg. Soc. and Surgeon, St. Joseph, Mo.

Prouty, Ira Humphrey—S. B. Dartmouth 1907; Interne, Thomas Wilson Sanitarium for Children (Summer, 1911).—Visit. Phys. Childn. Island San. Salem Harbor, Mass. and Physician, Marblehead, Mass.

Rosenfeld, Arthur Samuel—A. B. Leland Stanford, Jr. 1907; Interne, Mt. Sinai Hosp. N. Y. 1911-13.—Instr. in Med. U. of Ore. and Physician, 221 Vista Ave., Portland, Ore.

Rucker, Augusta—A. B. Univ. of Texas 1896, and A. M. 1900; Med. Dept. Wisconsin, June-Oct. 1907, and May-Oct. 1908; Interne, Babies' Hosp. N. Y. 1911-12; House Phys. N. Y. Infirm. Women and Children 1912-13.—Exam. Phys. State Char. Aid Assn., and Physician, N. Y.

Rynd, Charles E.—S. B. Hamilton 1907; and M. S. 1910; Berlin, 1911-12; Interne, Kings Co. Hosp. Brooklyn, 1912-14.—Asst. Obstet. Kings Co. Hosp., and Physician, Brooklyn, New York.

Sawyer, Dwight Milton—Ph. B. Wesleyan (Conn.) 1906; House Phys. Nursery and Child's Hosp. N. Y. 1911-12; N. Y. Lying-in Hosp. 1912-13; St. Vincent's Hosp. N. Y. 1913-14.—Asst. Phys. St. John's Riverside Hosp. Disp., Mbr. Yonkers Milk Com. and Physician, Yonkers, N. Y.

Seagrave, Mabel—A. B. Wellesley 1905; Interne, N. Y. Infirmary for Women and Children 1912-13.—Attend. Firland Sanatorium; Florence Crittenden Home, and Pub. Sch. Clinic, and Physician, Seattle, Wash.

Sexton, Walter Gresham—A. B. Wisconsin 1908, and Student of Med. 1907-08; R. H. O. 1911-12; Med. Supt. The Hebrew Hosp. 1912-14. — Surgeon, Marshfield, Wis.

Sieber, Paul Rothrock—A. B. Pennsylvania Coll. 1907; Interne, 1911-12, Res. Surg. St. Francis' Hosp. Pittsburgh 1912-15.—Instr. in Surg. U. of Pittsburgh and Surgeon, Pittsburgh.

Skilling, William Knepper—A. B. 1906. —Asst. Disp. Phys. and Physician, Baltimore.

Smith, Helen Willston — (Mrs. Sanger Brown), A. B. Bryn Mawr 1906; R. H. O. 1911. — Bloomingdale, White Plains, N. Y.

Snowden, Roy Ross—A. B. Washington and Jefferson 1907, and A. M. 1912; Res. Phys. City Hosp. Bayview, 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-14.—Instr. in Med. Univ. of Pittsburgh, and Physician, Pittsburgh.

Spencer, Lewis Cass—S. B. Tulane 1907; Med. Student, Albert Ludwig Univ. Freiburg, 1908-09; Interne and Asst. Res. Surg. U. P. I. 1911-13; Asst. Surg. Hosp. Ruptured and Crippled, N. Y. 1913; Asst. Res. Surg. and Asst. in Orthopedics, Staff Surg. Amer. Red Cross, Pau, France; 1913-16.—Surgeon, 1100 N. Charles St., Baltimore.

Sponsler, Marshall Byron—A. B. Ursinus 1907; Res. Phys. St. Francis' Hosp. New York 1911-14.—Physician, 344 Willis Ave., New York.

Stevens, Alexander McCulley—A. B. St. John's 1907.—Dep. State Health Officer 10th San. Dist. and Physician, Salisbury.

Stewart, George Adolph—A. B. 1907; Res. Phys. and Surg. St. Agnes' Hosp. Balt. 1911-14.—Visit. Surg. and Surg. Chg. O. P. D. St. Agnes' Hosp.; Asst. Surg. O. P. D. J. H. H. and Anesthetist, Dental Dept. *ibid*, 1st Lt. M. R. C. of U. S. A. and Surgeon, Baltimore.

Stillman, Edgar—A. B. Leland Stanford, Jr. 1907; Interne, Bellevue Hosp. New York, 1911-13.—Asst. Res. Phys. Rockefeller Hosp. N. Y.

Vail, Thornton Edwin — Ph. B. Yale 1907.—Asst. Res. Elmcroft Sanitarium, and Physician, Thompsonville, Conn.

Walker, Clifford Black—S. B. California 1906, and Med. Student, 1906-09; M. A. J. H. U. 1912; Asst. to Dr. Cushing, 1911-12; Senior Ophth. House Surg. Mass. Char. Eye and Ear Infirm. Boston 1913-14.—Assoc. in Surg. Peter Bent Brigham Hosp. and Asst. in Ophth. Harvard, Boston.

Weese, William Joshua—S. B. and A. B. Missouri 1905, and Med. Student, 1907-09; Res. Phys. Santo Tomas Hosp. Panama City, 1911-13.—Physician, Ontario, Ore.

Wiener, Isidore Kalisch—A. B. Princeton 1907; Interne, Blackwell's Island, New York, 1911-12; Vienna, 1913.—Asst. Ear, Nose and Throat, Mt. Siani Hosp. and Physician, New York.

Wiese, Edwin Robert—A. B. Western Univ. of Penna. 1907; Student, Univ. of Berne, Switzerland, 1911-14.—Physician, Pittsburgh, Pa.

Winn, Claud May—S. B. Tulane 1906, and Student of Med. 1906-07.—Chief of Laboratories, Santo Tomas Hosp. Panama City.

Wolfsohn, Julian Mast—S. B. California 1905, and M. S. 1907; R. H. O. 1911-12.—Asst. Clin. Prof. Med. Stanford, Univ. Visit. Neurol. San Francisco Hosp. and Physician, San Francisco, Calif.

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de Angulo, Jaime—B. ès Lett. Univ. of Paris, 1902; Cooper. Med. Coll. 1906-07; Eugenics Record Office, 1912-13.—Grad. Student, Stanford Univ. (*Degree granted January* 8, 1912.) Big Sur, Cal.

Cox, George Washington—S. B. Chicago 1907.—Interne, Hartford, Hosp. Hartford, Conn. (*Degree granted January* 8, 1912.)

McAliley, Robert George—S. B. Davidson 1904; Med. Student, Univ. of Md. 1907-08; Interne, R. I. Hosp. Providence, 191-14; House Officer, The Babies' Hosp. N. Y. 1913-15.—Vis. Phys. Atlanta Child's Home and Pediatrist, Hurt Bldg., Atlanta, Ga. (*Degree granted January* 8, 1912.)

Morgan, Ernest Luther — S. B. Wake Forest 1907; Med. Student, *ibid.* 1905-07; Interne, Providence Hosp. Washington, D. C. (Jan.-Oct. '12); Asst. in Anat. Georgetown Med. Sch. and Physician, Washington, D. C. 1912-15.—Asst. Surg. Du Pont Hosp. Hopewell, Va. (*Degree granted January* 8, 1912.) (89)

Class Secretary—Arthur L. Bloomfield, Johns Hopkins Hospital.

1912

Andrews, Clarence Ladelle—S. B. Louisiana State 1908; Univ. of Strassburg, Germany, 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-13; Prof. Anat. Univ. of Mississippi, and Phys. Oxford, 1913-14.—Physician, 1801 Pacific Ave., Atlantic City, N. J.

Bartlett, Edwin I.—A. B. Washington State 1908; Univ. of Strassburg, 1909. —Res. Surg. St. Agnes' Hosp.

Beard, Joseph Howard—A. B. St. John's 1902, and A. M. 1912.—Instr. Physiol. Med. Exam. Civil Service Employees, Univ. of Illinois, and Physician, Urbana.

***Bigelow, Jane Elizabeth**—A. B. Butler 1907. (*Died, March* 11, 1913.)

Bowers, Charles Albert—S. B. West Virginia 1908.—Res. Surg. Lakeside Hosp. Cleveland.

Bridgman, Eveleth Wilson—A. B. 1908; Med. and Pathol. Interne, Ancon Hosp. C. Z. Summers of 1910 and 1911; R. H. O. 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-15.—Instr. and Asst. Res. in Chg. Heart Sta.; Mbr. Med. Res. Corps U. S. A.

Brown, Cyrus Cathey—A. B. Arkansas 1908; Anesthetist, St. Francis' Hosp. Pittsburgh, 1912-14. — Asst. Supt. Lakeside Hosp. Cleveland, O.

Butsch, John Louis—S. B. Purdue 1906, and M. S. 1914; Assoc. Prof. Pharm. and Asst. in Surg. Univ. of Buffalo 1912-16, Clin. Asst. in Surg. and Med. Buffalo Gen'l Hosp. Buffalo, N. Y. 1913-16; Asst. Attend. Phys. Erie Co. Hosp. 1915-16.—Fellow in Surg. Mayo Found'n Rochester, Minn.

Cary, Raymond John—S. B. Iowa 1906; Chicago, Summer session, 1904 and 1905; Med. Student, Western Reserve, 1908-10; Res. Phys. St. Francis' Hosp. Pittsburgh, 1912-14; Res. Phys. Tuber. League Hosp. Pittsburgh 1914-15.—Med. Dir. and Supt. Mt. View San'm, Lakeview, Wash.

Chaffee, Burns Stoddard—A. B. Leland Stanford, Jr. 1908.—Resident Surgeon, U. P. Infirmary.

Chesney, Alan Mason—A. B. 1908; R. H. O. 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-14.—Asst. Res. Hosp. Rockefeller Inst. N. Y.

Cohen, Jacob—A. B. 1908.—Interne, City Hospital, Bayview.

Dabney, Marye Yeamans—Ph. B. Chicago 1908; Interne, R. I. Hosp. Providence, 1912-13; 1st Asst. Gynecol. Lakeside Hosp. Cleveland, 1913-14; Res. H. A. Kelly Hosp. 1914-15.—Assoc. Gyne. Hillman Hosp.; Assoc. Ed. *Sthn. Med. Jour.;* Surgeon, Empire Bldg., Birmingham, Ala.

Davis, Edwin Greene—A. M. Nebraska 1909, and Med. Student, 1908-10; Interne, Union Protestant Infirmary 1910-15.—Asst. Res. Surg. Brady Clinic.

***Dumm, William Milton**—S. B. Ohio Wesleyan 1908; R. H. O. 1912-13; Asst. Res. Gyne. 1914-15. (**Drowned, July* 12, 1915.)

Edgerton, Milton Thomas, Jr. — A. B. Georgia 1908; Interne, City Hosp. Bayview, 1912-13; Prof. Path. and Bact. U. of Miss. Oxford, 1913-14; Interne, Bellevue Hosp. 1914-15.—Health Officer, Pitt Co. Greenville, N. C.

Fisher, Roland Frederick—S. B. Wisconsin 1909, and Med. Student, 1907-09; Asst. Res. Surg. Washington Univ. Hosp. St. Louis, 1913-14; Asst. in Surg. Washington Univ. Med. Sch. St. Louis 1914-15.—Surg. Barnard Skin and Cancer Hosp. St. Louis.

Fleming, Mary Randolph—A. M. Randolph-Macon Woman's Coll. 1902; Interne, Hardman Sanatorium, Commerce, Ga. 1912-13; Pathol. Bismarck Hosp. N. D. 1913-14.—Phys. in Chg. Whipple Hosp. for Women, Tabriz, Persia.

Foote, Ovid Clemmons—A. B. Wake Forest 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-13.—Asst. Surg. U. S. N. U. S. S. "Tallahassee," care Postmaster, N. Y.

Frantz, Winter Reginald—S. B. West Virginia 1908; House Gyne. Bellevue Hosp. N. Y. 1912-14; Asst. Res. Willard Parker Hosp. N. Y. 1914-15.—Physician, Cumberland, Md.

Fricke, Willa May—A. B. Barnard, 1906; 2½ years Med. Coll. and Hosp. for Women and Children, 1906-09; Externe in Obstet. 1912-13; Dispen. Obstet. Asst. Res. Obstetrician and Asst. in Obstetrics 1913-15.—Fellow in Bact. Mayo Clinic, Rochester, Minn.

Gammon, Julian Eugene—S. B. Florida 1908; Interne, St. Agnes' Hosp. (to December, 1912); Res. Phys. Lakeside Hosp. Cleveland, 1913-14.—Physician, Jacksonville, Fla.

Gibbes, James Heyward—A. B. and S. B. South Carolina 1908; Asst. Res. Phys. 1912-13.—Physician, Columbia, S. C.

Gills, William Lee — A. B. Randolph-Macon 1905; Interne, Hartford Hosp. Conn. 1912-14.—Interne, Brklyn. Eye and Ear Hosp. Brklyn., N. Y.

Glass, Frederick Akin — A. B. Central (Ky.) 1908. — Res. Gyne. Lakeside Hosp. Cleveland.

Goodpasture, Ernest William — A. B. Vanderbilt 1907; Rockefeller Fellow in Pathol. J. H. U. and Pathol. to U. P. I. 1913-14; Act. Res. Pathol. and Instr. in Pathol. 1914-15.—Res. Path. Peter Bent Brigham Hosp. and Instr. Pathol. Harvard Med. Sch. Boston.

Hall, Roscoe Willis—Ph. B. Dickinson 1908; Interne, City Hosp. Bayview,

1912-13.—Res. and Asst. Disp. Psychiatrist and Asst. in Psychiatry.

Holmes, James B.—A. B. and A. M. Virginia 1910, and Med. Student, 1908-09; Med. Student, Göttingen, Summer, 1911; Asst. Phys. Eudowood Sanatorium, 1912-13; Asst. Dispen. Phys. Asst. in Pediatrics 1913-16.—Pediatrist, The Severn, Baltimore.

Hurwitz, Samuel Haymann—A. B. Harvard, 1907, and A. M. 1908; Univ. of Strassburg, 1909; Special Student, Inst. Infect. Diseases, Berlin, Summer, 1911; R. H. O. 1912-13; House Officer, Peter Bent Brigham Hosp. Boston 1913-15.—Instr. Resch. Med. Hooper Found'n Med. Resch. U. of Calif. San Francisco.

Jeidell, Helmina—A. B. Barnard 1908; Special Student, Pasteur Inst. Paris, Summer, 1909; R. H. O. 1912-13; Asst. Res. Obstetrician, Sept. 1 to Jan. 1, 1914; House Phys. L. D. S. Hosp. Salt Lake City, Utah 1914-16. —Physician, 425 Kearns Bldg., Salt Lake City, Utah.

Kocher, Rudolph Alfred—A. B. Leland Stanford, Jr. 1908; Student of Med. Leipzig, 1909-10; Vol. Asst. 2d Med. Clin. Univ. of Munich, 1912-13; Student in Chem. *ibid.* 1913. — Instr. Resch. Med., Hooper Foundn. Med. Resch. U. of Calif. San Francisco.

Loos, Henry Hoffman—A. B. 1908; Res. Surg. St. Agnes' Hosp. 1912-14.—Surg. Bay City Hosp. Tex. and Surgeon, Palacios, Tex.

Lough, Walter Gay—S. B. West Virginia 1908.—Chf. Clinic and Instr. Med. N. Y. Post-Grad. Hosp. and Med. Sch. New York.

Lowsley, Oswald Swinney—A. B. Leland Stanford, Jr. 1908; Res. Surg. Bellevue Hosp. N. Y. 1913-15.—Instr. Urol. N. Y. P. G. Hosp. and Med. Sch.; Asst. Vis. Surg. O. P. D. Bellevue Hosp. Chf. G.-U. Clin. N. Y. Hosp.; Adj. Vis. Surg. Rupt'd and Crip. Hosp. and Surg. N. Y.

McAllister, Harvey Ross—A. B. Penna. Coll. 1908.—Interne, Jefferson Surg. Hosp. Roanoke, Va.

McClure, William Bradbury — S. B. Penna. Coll. 1908; R. H. O. 1912-13; Res. Phys. Child'n Mem. Hosp. Fellow, Sprague Mem. Inst. and Asst. in Med. Rush Med. Coll. Chicago 1913-15.—Instr. Ped. U. of Ia. Med. Sch. Iowa City.

McCulloch, Hugh—A. B. Arkansas 1908; Res. Phys. Barnes Hosp. and Asst. in Med. Washington Univ. St. Louis 1913-15.—Instr. in Ped. Wash'g U. and Asst. Ped'n St. Louis Child'ns Hosp. St. Louis.

Millea, William Lawrence—A. B. Clark 1908; R. H. O. 1912-13; Res. Obstet. and Instr. in Obstetrics 1913-16.—Med. Adviser. Consol. Gas Elec. Lt. & Power Co., Balto.

Miller, Edgar Allen—S. B. Penna. Coll. 1908; Interne, St. Francis' Hosp. Pittsburgh 1912-13. — Physician, E. Berlin, Pa.

Miller, Knox Emerson—A. B. William Jewell 1908.—Asst. Surg. U. S. P. H. S. Washington, D. C.

Mills, Nathaniel—A. B. Williams 1908; Interne, St. Francis' Hosp. New York, 1912-14; Interne, Foundling Hosp. N. Y. 1914-15.—Phys. Bd. Health, Mt. Vernon; Asst. Vis. Neurol. Kings Co. Hosp. and Physician, Mt. Vernon, N. Y.

Morriss, William Haviland—A. B. Haverford 1908; R. H. O. 1912-13; Res. Surg. Hosp. for Women of Maryland 1913-15; Amer. Red Cross, La Panne, Belgium 1915-17.—Instr. Obstet. and Gyne. Yale, New Haven.

Neill, William, Jr.—A. B. St. John's 1908; Res. Phys. and Surg. Church Home and Infirmary 1912-15.—Assoc. Kelly Sanitarium, Baltimore.

Nichols, Ralph Wilbur — Ph. B. Yale 1908; Interne, Boston Floating Hosp. Summer, 1912; after October 1st, Sr. Interne, New Haven Hosp. Conn. 1912-13.—Physician, Montowese, Conn.

Pearce, Louise—A. B. Leland Stanford, Jr. 1907; Boston Univ. Sch. of Med. 1907-09; R. H. O. 1912-13; House Phys. Phipps Psychiatric Clinic; Resch. Fellow, Pathol. Rockefeller Inst. for Med. Research, N. Y. 1913-15.—Assistant, *ibid.*

Pelton, Charles Hamlin—A. B. Trinity (Conn.) 1905; Int. Albany Hosp. 1912; Res. State Hosp. Scranton, Pa. 1913; Interne, Essex Co. Isolation Hosp. Belleville, N. J. 1913-14; Interne, Lucas Co. Hosp. Toledo, O. 1914.—Asst. to Supt. City and Co. Hosp. and Physician, St. Paul, Minn.

Pincoffs, Maurice Charles, Jr. — S. B. Chicago 1909; Rush Med. Coll. 1906-09; Grad. Sch. 1909-10; Interne, Presbyterian Hosp. Chicago, 1912-13; Res. City Hosp. Bayview, 1913-15.—Physician, Baltimore.

Post, Martin Hayward, Jr.—A. B. Amherst 1908; Interne, City Hosp. St. Louis, 1912-13.—Staff, St. Luke's Hosp. O. P. D. Barnes Hosp. and Ophth. Surg. Metropol. Bldg., St. Louis, Mo.

Rand, Carl Wheeler — A. B. Williams 1908, and A. M. 1909; R. H. O. 1912-13; Asst. Surg. Peter Bent Brigham Hosp. Boston 1914-15; House Surg. Mercy Hosp. Chicago 1915-16.—Surg. Chld'n Hosp. and Physician, Los Angeles, Cal.

Reid, Charles Dwight, Jr.—A. B. Williams 1908; Interne in Surg. German Hosp. New York 1913-15.—Physician, Auburn, N. Y.

Reid, Mont Rogers — A. B. Roanoke 1908; R. H. O. 1912-13; Asst. Res. Path. 1913-14.—Asst. Res. Surg. and Instr. in Surgery.

Reynolds, Harold Irwin—A. B. Georgia 1908; Interne, Woman's Hosp. of Maryland 1913-15. — Physician, Sthn. Mut. Bldg., Athens, Ga.

Rohde, Max Spencer — S. B. Chicago 1908; Interne, Kansas City Gen'l Hosp. Mo. 1912-13; House Surgeon, Bellevue Hosp. N. Y. 1914-16.—Externe, Brady Institute.

Sarason, Peter Benjamin—A. B. Yale 1909, and Med. Student, 1907-09; R. H. O. 1912-13; Interne, Jewish Hosp. Brooklyn, N. Y. 1913-15.—Res. Gyn. and Obstet. Greenpoint Hosp. Brooklyn, N. Y.

Schmeisser, Henry Christian — A. B. 1908; Fellow and Asst. in Pathol. 1912-15, and Ph. D. 1914.—Instr. in Pathol.

Schulz, Raymond Louis—S. B. Wisconsin 1908, and Med. Student, 1908-10; Interne, Milwaukee Co. Hosp. Wis. 1912-13; Res. Phys. Lucas Co. Hosp. Toledo, O. 1913-14.—House Surg. Roosevelt Hosp. N. Y.

Sears, Nathan P. — Ph. B. Syracuse 1908; Interne, Church Home and Infirm. Baltimore, 1912-13; Interne, Lakeside Hosp. Cleveland, 1914-15.—Asst. Surg. Hosp. Women and Child'n, and Physician, Syracuse, N. Y.

Sellman, Reginald Oliver—A. B. 1908; Res. Phys. Biedler-Sellman Sanitarium, Baltimore, 1912-15.—Physician, 2405 W. North Ave., Baltimore.

Shale, Rolla J.—A. B. Oberlin 1908; Res. Phys. Wilkes-Barre Hosp. Pa. 1912-13; Res. Phys. Eddy Road Hosp. Cleveland, 1913-14; Res. Phys. St. Luke's Hosp. Cleveland 1914-15.—Physician, 13441 Euclid Ave., Cleveland.

Simpson, Ellery DeWitt—A. B. Western Maryland 1908; Interne, St. Luke's Hosp. St. Paul, Minn. 1912-13.—Surgical Pathol. and Asst. Mayo Clinic, Rochester, Minn., 1915-16.—Surgeon, Watertown, S. D.

Sisson, Warren Richards—A. B. Colgate 1906; Student of Med. Univ. of München, Winter semester, 1910-11, and Univ. Heidelberg, Summer session, 1911; House Officer, Mass. Gen. Hosp. 1912-13; House Officer and Res. Path. Peter Bent Brigham Hosp.; Instr. in Pathol. Harvard Med. Sch. Boston, 1913-15.—Instr. in Pediatrics.

Slack, Harry Richmond, Jr. — A. B. Georgia 1908.—Asst. Res. Surg. Asst. Dispen. Laryn. and Asst. in Laryn.

Starr, Trammell—A. B. Emory 1908; Interne, City Hosp. Bayview, 1912-13.—Res. Surg. Church Home and Infirmary, Baltimore.

Stearns, Thornton—A. B. Davidson 1906; Surg. and Ortho. House Officer, Mass. Gen'l Hosp. Boston, 1912-14; Asst. Res. Pathol. and Asst. in Pathol 1914-15; Asst. in Surg. and Res. Surg. U. of Calif. Hosp. San Francisco 1915-16.—Surg. Shantung Christian Univ. Med. Sch. and Hosp. Tsinan-fu, China.

Stevenson, Holland Newton, 2nd—Ph. B. Yale 1908; Instr. in Pathol. 1912-15. —Asst. Cancer Resch. Columbia Univ. New York.

Strauss, Abraham—A. B. Harvard 1909. House Surg. Mt. Siani Hosp. New York, 1912-14.—Surgeon, Osborn Bldg., Cleveland, O.

Streett, David Corbin—A. B. 1908; Med. Int. Ancon Hosp. Panama 1910-11; R. H. O. 1912-13; Asst. Phys. in Chg. Disp. Lab. 1913-14; Asst. Res. Phys. and Asst. in Medicine 1914-16.—Physician, 712 Park Ave.

Sundwall, John—S. B. Chicago 1903; Ph. D. 1906, and Med. Student, 1906-08; U. S. Public Health and Marine Hosp. Service, Washington, D. C. 1912.—Prof. Anat. Univ. of Kansas, Lawrence.

Wahl, Harry Roswell—A. B. Wisconsin 1908, and A. M. 1910, and Med. Student, 1908-10.—Asst. Visit. Pathol. Lakeside Hosp. and Assoc. in Pathol. West. Reserve Univ. Cleveland.

Walters, Arthur L.—S. B. Purdue 1904; Interne, City Hosp. Providence, R. I. (Summer, 1912); Interne, Harriet Lane Home, J. H. H. 1912-13.—Asst. Dir. Scientific Lab's, Eli Lilly & Co., Indianapolis, Ind.

Watt, Charles Hansell—S. B. Davidson 1906; R. H. O. 1912-13; Asst. Res. Surg. 1913-15; Asst. and House Gynecol. Roosevelt Hosp. New York 1915-16.—Res. Surg. Henry Ford Hosp. Detroit.

Weakley, Adriel Clark—A. B. Georgetown (Ky.) 1908; Interne, Brooklyn Hosp. N. Y. 1912-14. — Physician, Shelbyville, Ky.

Weed, Lewis Hill—A. B. Yale 1908, and A. M. 1909; Arthur Tracy Cabot Fellow in Chg. Lab. Surg. Research, Harvard, 1912-14; Instr. in Anat. 1914-15.—Assoc. in Anat.

Wegeforth, Paul—A. B. 1908; Student of Medicine, Strassburg and Berlin, 1909-11; Interne Brigham Hosp. Boston, 1913-14.—Physician, 322 Granger Bldg., San Diego, Cal.

Wells, Donald Breckenridge—A. B. Yale 1907; City Hosp. Providence, R. I. (Summer of 1912); Interne, St. Luke's Hospital, N. Y. 1912-15.—Surgeon, 2 Garden St., Hartford, Conn.

Williams, Alexander Watson—A. B. Harvard 1908; Interne, Union Protestant Infirmary, 1912-13.—1st Lieut. Med. Corps, U. S. A. Philippine Islands.

Williams, Frank Thomas—A. B. 1908; House Officer, St. Agnes Hosp, Balt. 1912-13; Asst. Genito-Urin. Clinic, J. H. H. 1913-14; Special Worker, Hygiene Lab. U. S. P. H. S. Wash., D. C., 1914; Asst. Res. Surg. Brady Urolog. Inst. of J. H. H. 1914-15.—Instr. G.-U. Stanford, San Francisco, Cal.

Wolf, Eleanor Bittinger—A. B. Goucher 1908; R. H. O. 1912-13; House Phys. N. Y. Infirm. for Women and Children, N. Y. 1913-14.—Jr. Phys. Chg. A. E. L. M. Hosp. Guntur, Madras Pres. India.

Wolff, George Baney — A. B. Ursinus 1908; Asst. Phys. Sheppard and Enoch Pratt Hosp. Towson and Asst. Disp. Psychiatrist.

Wood, James Augustus—A. B. Southern 1907; Univ. of Ala. Summer, 1906; Interne, City Hosp. Providence, R. I. Summer, 1912; Res. Phys. N. Y. Foundling Hosp. 1912-13; Res. Phys. Seaside Hosp. St. John's Guild, New Dorp, S. I. N. Y. 1914; Chldn. Med. Officer, Mass. Gen'l Hosp. Boston, 1915.—Physician, Yankton, S. D.

Woodward, Harold Burton—S. B. Wesleyan (Conn.) 1908; Interne, City Hosp. Waterbury, Conn. 1912-13.—Con. Phys. Waterbury Hosp. and Physician, Terryville, Conn. (81)

Class Secretary—Alan M. Chesney, Rockefeller Inst. for Med. Resch. New York.

1913

Allen, Arthur Wilburn—A. B. Georgetown (Ky.) 1909; Surg. House Officer and Res. Surg. Mass. Gen'l Hosp. 1913-15.—Asst. Surg. Mass. Gen'l. O. P. D. and Surgeon, Boston .

***Anderson, David Ballantyne**—S. B. Chicago 1910; Med. Student, Rush, 1908-10; Res. Phys. Garrett Hosp. for Children, Summer, 1913.—Interne, Mt. Siani Hosp. N. Y. (**Died, May* 28, 1915.)

Bornscheuer, Albert Adam—S. B. Washington and Jefferson 1909.—Asst. in Surg. Allegheny Gen'l Hosp. Pittsburgh.

Bronson, Edith—A. B. Syracuse Univ. 1909, and Med. Dept. 1909-10; House Phys. Children's Hosp. San Francisco, 1913-14; House Phys. N. Y. City Hosp. Randall's Is. 1914-15; Res. Phys. Royal Hosp. Sick Chldn. Edinburgh, Scotland, 1915-16.—Res. Phys. Chldn. Hosp. Paddington Green, London, W.

Cameron, Don Franklin—A. B. Indiana 1907; A. M. Chicago 1909, and Med. Dept. 1909-11; Interne, St. Luke's Hosp. Chicago 1913-14; Asst. Disp. Urol. Brady Institute 1914-15.—Fel. in Surg. U. of Minn. Minneapolis.

Canter, Noland Mackenzie—A. B. Randolph-Macon 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1913-14; Res. Phys. Children's Hosp. Sch. Baltimore 1914-15. — Med. Inspect. Schools and Phys. and Surg. City Hosp. Martinsburg, W. Va.

Carlisle, Wilbur Glenn—A. B. Ohio Wesleyan 1909; Summer Qr. Chicago, 1909; R. H. O. 1913-14.—Physician, Bucyrus, O.

Cave, Henry Wisdom — A. B. Central (Ky.) 1909; R. H. O. 1913-14; Asst. in Surg. Asst. Res. Surg. 1914-15.—Res. Roosevelt Hosp. N. Y.

Cecil, Howard Lee — A. B. St. John's (Annapolis) 1908; R. H. O. 1913-14.—Asst. Disp. Urol. Brady Institute.

Chunn, George Davies—S. B. Arkansas 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va.—1st Lieut. Med. Corps, Army Med. Sch. Washington, D. C.

Clarke, Helen Dorothy (Mrs. E. J. Kempf); A. B. Vassar 1909; R. H. O. 1913-14.—Washington, D. C.

Cook, Robert Jay—A. B. Iowa State 1909.—Interne, German Hosp. N. Y.

Corner, George Washington—A. B. 1909; Asst. in Anat. 1913-14; R. H. O. 1914-15.—Asst. Prof. Anat. U. of Calif. Berkeley.

Darrow, Kent Edward—S. B. N. Dak. Agricul. 1909; Interne, City Hosp. Seattle, Wash. 1913-14; Surg. S. S. "Minnesota" 1914-15.—Phys. and Surg. Fargo, N. D.

Davis, Daniel—A. B. Harvard 1909.—Interne, Ancon Hosp. Panama, Summer, 1913; Asst. in Physiol. 1913-14.—Asst. Res. and Asst. in Obstet.

Davis, Thomas Kirby—A. B. Wabash 1909; Med. Student, Cornell, 1909-10; Med. Interne, N. Y. Hosp. 1914-15.—House Phys. Neurol. Inst. N. Y. 1915-16.—Interne, New York Hosp. N. Y.

Dignan, Howard Henry—S. B. California 1910, and Med. Student, 1909-10; House Phys. German Hosp. Phila. 1913-15.—Physician, 275 Post St., San Francisco, Cal.

Dwyer, William—S. B. Trinity (Conn.) 1909; Interne, Hartford Hosp. Conn. 1913-14.—Asst. Laryn. Hartford Hosp. and Physician, Hartford, Conn.

Elkin, Cortlandt Whitehead Wilson—A. B. Allegheny 1909.—Asst. in Med. Allegheny Gen'l Hosp. and Physician Pittsburgh.

Fishbaugh, Ernest Clyde—A. B. Indiana 1910, Fellow, 1910-11, and A. M. 1911; Med. Student, 1909-11; R. H. O. 1913-14.—Physician, 412 W. 6th St., Los Angeles, Cal.

Flack, Roswell Elmore — A. B. Wake Forest 1901; Deputy Co. Health Officer, Spray, N. C. 1913-15; Prof. Path.

and Bact. Wake Forest Coll. N. C. 1915-16.—Phys. Winyah San. Asheville, N. C.

Gates, Frederick Lamont—A. B. Yale 1909.—Assoc. Rockefeller Institute for Med. Resch. N. Y.

Gerdine, Linton—S. B. Georgia 1909; Interne, City Hosp. Bayview, 1913-14; Interne, Children's Mem. Hosp. Chicago, 1914-15.—Res. Pediat. U. of Calif. Hosp. San Francisco.

Graham, Clarence Flack—A. B. Yale 1909; House Officer, R. I. Hosp. Providence 1913-15. — Physician, Albany, N. Y.

Hagan, Herbert Hart—A. B. Georgetown (Ky.) 1908.—H. O. Washington Univ. Hosp. and Barnes Hosp. St. Louis, 1913-14; Asst. Res. Surg. Barnes and St. Louis Children's Hosps. St. Louis 1914-16.—Surg. Humboldt Bldg. St. Louis.

Heymann, Isaac Picard—S. B. Louisiana State 1909; Ship Surg. Leyland Line, New Orleans and London, Summer 1913; Interne, Brooklyn Hosp. 1913-15; Asst. Surg. Brooklyn Hosp. Disp. and Physician, 63 Middagh St., Brooklyn, N. Y.

Hinton, Charles Crawford—Ph. B. Emory 1909; Interne, City Hosp. Bayview, 1913-14; Res. Phys. Telfair Hosp. for Women, Savannah, Ga. 1914-15.—Chf. O. P. D. Clin. Assoc. in Med. Emory Univ. and Physician, Atlanta.

Holmes, Walter Richard, Jr.—A. B. Georgia 1909; R. H. O. 1913-14.—Res. and Dispen. Gynecol.

Horrax, Gilbert—A. B. Williams 1909; Resch. Lab. Harvard 1914-15.—Asst. Res. Surg. Peter Bent Brigham Hosp. Boston.

Howard, Lee —A. B. Mercer 1909.—Res. Phys. Telfair Hosp. for Women and Chldn. Savannah, Ga.

Huddleson, James Howard, Jr.—A. B. Princeton 1909; Interne, Manhattan State Hosp. 1913-14; Interne, N. Y. Hosp. 1914-16.—Interne, Neur. Inst. N. Y.

Hume, Edgar Erskine—A. B. Central (Ky.) 1908, Fellow, 1908-09, and A. M. 1909. Vol. Asst. in Neurol. 1913-14; Summer Semester, Munich, 1914; Asst. Clin. Nerv. Diseases, U. of Rome 1914-16.—1st Lt. Med. Corps, U. S. A., Army Med. Sch. Wash, D. C.

Hutchins, Amos Francis — A. B. St. John's (Annapolis) 1908; Interne, U. P. I. 1913-14; Res. Gyne. Lakeside Hosp. and Instr. in Gyn. West. Res. Univ. Cleveland 1915-16.—Physician, Baltimore.

Jelks, Edward — A. B. Mercer, 1909; R. H. O. 1913-14; Asst. in Pathol. 1914-15.—Surgeon, Jacksonville, Fla.

Kieffer, Richard Fulton—A. B. Franklin and Marshall 1907.—Res. Phys. Union Protestant Infirm. Baltimore.

Kolmer, George August Leonard—A. B. Roanoke 1907, and A. M. 1909; Dist. Inspector, Va. State Board of Health, Richmond 1913-15. — Physician and Health Officer, Salem, Va.

Kraus, Walter Max — A. B. Harvard 1910; A. M. Columbia 1914; Interne, Bellevue Hosp. N. Y. 1913-15.—Instr. Biol. Chem. Columbia, N. Y.

Laubach, Charles Adam—S. B. Muhlenberg 1909.—Instr. in Hygiene.

Levy, Robert Louis—A. B. Yale 1909; R. H. O. 1913-14; Asst. Res. Phys. and Asst. in Medicine 1914-16; Asst. in Physiol. Harvard 1915-16.—Asst. Res. Phys.

Lyman, John Cushman—S. B. Whitman 1909; Interne, Union Protestant Infirm. Baltimore, 1913-14; Res. Physician, Hebrew Hosp. 1915-16.—Asst. in Path. J. H. H.

McKee, William Clifford—S. B. Pomona 1908; House Officer, Calif. Hosp. Los Angeles, 1913-14. — Physician, Los Angeles, Cal.

Michael, William Howard—A. B. 1909; Phys. Santo Tomas Hosp. Panama, R. de P. 1913-14; Asst. Surg. U. S. N. care Navy Dept. Wash. D. C., 1915-16.—1st Reg. U. S. Marine Hosp. Corps. Haiti.

Minsk, Louis D.—A. B. Yale 1910, and Med. Dept. 1909-10; R. H. O. 1913-14.—Asst. to Dr. Knox.

Moore, Chalmers Hale—A. B. Washington and Lee 1909.—Gyne. Hillman and Univ. Hosps. Surg. St. Vincent's Hosp. and Physician, Birmingham, Ala.

Morton, John Jamieson, Jr.—A. B. Amherst 1907; House Officer Peter Bent Brigham Hosp. Boston, 1913-14; Fellow, Pathol. Rockefeller Inst. N. Y. 1914-15; Res. Surg. Mass. Gen. Hosp. Boston 1915-16.—Physician, 5 St. Elmo Rd. Worcester, Mass.

Munn, Aristine Pixley (Mrs. Chas. Recht) —A. B. Bryn Mawr 1909.—Asst. Attend. Phys. N. Y. Univ. and Bellevue Med. Coll. N. Y.

Nesbit, William Edward—A. B. Arkansan 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1913-14; Interne, City Hosp. Bayview 1914-16.—Physician, San Antonio, Tex.

*Newkirk, Merle Cornelius—Ph. B. Syracuse 1909; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1913-14.—Physician, Sherman, N. Y.

Newman, Harold Hastings—A. B. Randolph-Macon 1909; Interne, Garfield Mem. Hosp. Washington, D. C. 1913-14.—Asst. Whitehead-Stokes Sanatorium, and Physician, Salisbury, N. C.

Ogburn, Herbert Hammond—S. B. West Lafayette 1908; Med. Student, N. C. 1908-09.—Surgeon, Greensboro, N. C.

Olmsted, William Harwood—S. B. Coe 1909.—Asst. in Med. Wash. Univ.; Asst. Res. Barnes Hosp. St. Louis, Mo.

Paschal, Frank Lafayette—A. B. Texas 1909; Summer Qr. Chicago 1908; Interne and Asst. in Ortho. Post-Graduate Hosp. N. Y. 1913-16.—Mbr. Amer. Phys. Relf. Exp. to Germany 1916.—Surgeon, San Antonio, Tex.

Post, Lawrence Tyler—A. B. Yale 1909; R. H. O. 1913-14; Asst. Surg. So. Balt. Eye, Ear and Throat Hosp. and Surgeon, Baltimore 1915-16. — Ophthal. Surg., 520 Metropol. Bldg., St. Louis, Mo.

Powers, Grover Francis—S. B. Purdue 1908; R. H. O. 1913-14; Asst. Res. Pediatrician and Asst. Disp. Physician 1914-16.—Instr. in Ped. and Phys. in chg. Ped. Disp.

Reddish, William Dandridge—A. B. Ky. State 1909; Interne, R. I. Hosp. Providence 1913-15.—Physician, Lexington, Ky.

Richardson, Maurice Leonard—S. B. Wisconsin 1910, and M. S. 1911; Med. Student, 1909-11. Interne, City Hosp. Bayview 1913-14.—Res. Path. Lakeside Hosp. and Instr. in Path. West. Reserve Univ. Cleveland.

Scott, Augusta Ruby—Ph. B. Chicago 1905; Univs. of Zürich and Freiburg 1907-10; Interne, Infirmary for Women and Children, New York, 1913-14. —Interne, Phipps Psychia. Clinic, 1914-15.—Asst. Res. Physician, *ibid.*

Shaw, Austin—S. B. Colby 1909—House Officer, City Hosp. Seattle, Wash. 1913-14.—Physician, Anacortes, Wash.

Shaw, Henry Newton—A. B. Princeton 1907; R. H. O. 1913-14; Interne, U. P. I. 1914-15.—Asst. Res. Gynecol.

Smith, Frederick Janney—A. B. 1909; R. H. O. 1913-14; Asst. Res. Physician and Asst. in Medicine 1914-15.—Res. Phys. Henry Ford Hosp. Detroit, Mich.

Spencer, Roscoe Roy—A. B. Richmond 1909; Interne, City Hosp. Bayview, 1913-14.—Asst. Surg. U. S. P. H. Service, Marine Hosp. Chicago.

Stetler, Pearlie Mae—A. B. Wisconsin 1911, and Med. Student, 1909-11.—Asst. to Dr. Van Hoosen, Mary Thompson Hosp. Chicago.

Stowers, James Evans—A. B. Missouri 1910, and A. M. 1911; Med. Student, 1909-11; Interne, St. Agnes' Hosp. Baltimore, 1913-14; House Phys. Royal Victoria Hosp. Montreal, Can. 1914-15. —Amer. Red Cross, Compiègne, France.

Thompson, Charles Baker—A. B. Haverford 1909; House Officer, Peter Bent Brigham Hosp. Boston, 1913-14; Asst. Res. and Disp. Psychiatrist 1914-15.—Executive Sec. Ment. Hygiene Soc. Md., 605 N. Charles St.

Todd, Martillus Hollis — A. B. 1909; R. H. O. 1913-14; Amer. Red. Cross, Pau, France, 1914-15.—Physician, 1235 N. Caroline St.

Trask, Leo Stewart—S. B. Colby 1909; House Officer, City Hosp. Seattle, Wash. 1913-14.—Physician, Burlington, Wash.

Trudeau, Francis Berger — A. B. Yale 1909; Interne, Bellevue Hosp. N. Y. 1913-14. — Physician, Saranac Lake, N. Y.

Turner, Joseph Richard, Jr.—S. B. Whitworth 1909; R. H. O. 1913-14; Fellow, Path. Rockefeller Inst. N. Y. 1914-16.—N. W. Natl. Ins. Co. Minneapolis, Minn.

Wagenhals, Franklin Clark—A. B. Ohio State 1907, and Grad. Student 1907-08.—Interne, Bellevue Hosp. N. Y.

Watson, Ernest Milton—Ph. B. Brown 1907, and A. M. 1909; Interne, Ancon Hosp. Panama 1913-14; House Officer, Mass. Gen'l Hosp. Boston 1914-15.—Asst. Res. Urol. J. H. H.

Watters, Ethel Madelaine—A. B. Stanford 1909, and Med. Dept. 1908-10; House Phys. Children's Hosp. San Francisco 1913-15.—Res. Ped. U. of Cal. Hosp. and Asst. in Pediatrics U. of Cal. San Francisco.

Weems, Benjamin Francis, Jr.—A. B. 1909; Med. Student Univs. of Berlin and Freiburg 1910-11.—House Officer, Bellevue Hosp. N. Y.

Williams, Norman Harris—Ph. B. Brown 1909; Interne, Bellevue Hosp. N. Y. 1913-15.—Interne, Gen. Mem. Hosp. N. Y.

Wittich, Frederick William—A. B. Pa. Coll. 1908, and A. M. 1911.—Asst. Phys. Minnewaska San. Gravenhurst, Ont. 1913; In Chg. Lab. North Chicago Hosp. 1913; Asst. Phys. King Edward San. Kamloops, B. C. 1914; Asst. Phys. and Bacteriol. Public Hosp. for Insane, New Westminster, B. C. 1914; Supt. Pokegama San. Pokegama, Minn. 1915-16.—Instr. Med. and Phys.-in-chg. Tub. Disp. U. of Minn. Minneapolis.

Young, William Walter — A. B. Randolph-Macon 1909; House Officer, Peter Bent Brigham Hosp. Boston, 1913-14; R. H. O. 1914-15.—Instr. Clin. Med. Emory Univ. and Physician, Atlanta, Ga.

Zimmerman, Jacob Landis—A. B. Franklin and Marshall 1909.—Interne, St. Vincent's Hosp. N. Y.

Watkins, Samuel Shelton—A. B. Central (Ky.) 1908, and A. M. 1909; Interne, Church Home and Infirm. Jan.-Apr. 1914; Asst. Supt. Peter Bent Brigham Hosp. Boston, May '14-Jan. '15.—Asst. in Laryngol. and Asst. Res. Surg. (*Degree granted February* 22, 1914.)

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Class Secretary—Lawrence T. Post, 520 Metropolitan Bldg., St. Louis, Mo.

1914

Batten, Grover A.—A. B. Washington and Lee 1908; R. H. O. 1914-15.—Physician, Honolulu, T. H.

Bayne-Jones, Stanhope — A. B. Yale 1910; Med. Student, Tulane 1910-11; Summer Qr. Chicago 1911; R. H. O. 1914-15; Rockefeller Fellow in Path. and Asst. Res. Path. 1915-16.—Instr. in Pathol.

Belt, Mabel — A. B. Goucher 1910; Interne, Hosp. Women of Maryland 1914-15; House Phys. N. Y. Infirm. for Women and Children 1914-16.—Physician, Baltimore.

Bettman, Ralph Boerne — A. B. Williams 1910; Interne, Michael Reese Hosp. Chicago 1914-16.—Red Cross Surg. Germany.

Boehm, Julius Benjamin — S. B. St. Louis 1910; Interne, Peter Bent Brigham Hosp. Boston 1914-15.—Res. Surg. Greenpoint Hosp. Brklyn. N. Y.

Bogle, Kate Breckenridge (Mrs. S. R. Karpeles; A. B. Goucher 1909; Interne, Garfield Mem. Hosp. Washington, D. C. 1914-15; Interne, Gov. Hosp. Insane, Washington, D. C. 1915-16.—1207 Columbia Rd. Wash. D. C.

duBray, Ernest Speers—A. B. Cincinnati 1910; Interne, City Hosp. Boston, 1914-15; Asst. Res. Phys. 1915-16.—Res. Phys. Bay View.

Brush, Nathaniel Hawley—A. B. 1909; Interne, Phipps Psychiatric Clinic 1914-15; Asst. Res. Private Wards 1915-16.—Asst. Res. Psychiatrist.

Carroll, Francis Patrick — S. B. Trinity (Ct.) 1911; Interne, St. Agnes' Hosp. 1914-15; Res. Surg. Bridgeport City Hosp. Conn. 1915-16.—City Physician and Phys.-Surg., Bridgeport, Conn.

Carter, David Wendel, Jr.—A. B. Southwestern 1909, and A. M. 1910; Interne, Clifton Springs Sanitarium, N. Y. (Summer, 1914); Interne, Peter Bent Brigham Hospital, Boston 1914-16.—Asst. Res. Phys.

Child, Dorothy—A. B. Bryn Mawr 1910. Dr. P. H. Penna. 1916—Interne, Babies' Hosp. Oceanic, N. J. Summer, 1914; Interne, Woman's Hosp. Philadelphia 1914-15.—Asst. Sec. Penna. Soc. Preven. Tuberculosis, Williams Bldg., Phila.

Clark, Mildred—(Mrs. P. W. Clough) A. B. Wellesley 1910; R. H. O. 1914-15; Asst. Res. Phys. and Asst. in Med. 1915-16.—Holder of Jacobs' Fellowship and Vol. Asst. in Med.

Colwell, Howard Spencer—S. B. Colgate 1910; House Officer, Mass. Gen'l Hospital, Boston 1914-15.—Mbr. Rockefeller Resch. Comm., Grenada, B. W. I.

Connor, Charles Edward — A. B. and A. M. Indiana 1910 and 1912, and Med. Dept. 1908-10.—Interne, R. I. Hosp. Providence.

Crawford, Robert Hope—S. B. Davidson 1910; Interne, Union Protestant Infirmary 1914-15; Amer. Red Cross, European Relf. Detach. Gleiwitz, Ger. 1915-16.—Physician, Rock Hill, S. C.

Davis, Isaac—A. B. Harvard 1910; Interne, St. Francis' Hosp. Pittsburgh 1914-15.—Physician, 1842 Centre Ave., Pittsburgh, Pa.

Dodson, Ralph Moore — A. B. Oregon 1910; House Surg. Bellevue Hosp.N.Y.

Donaldson, John Calvert—Ph. B. Yale 1910; Interne, Phipps Psychiatric Clinic 1914-15.—Instr. in Anat. Univ. Cincinnati, O.

Dornblaser, Harry Bright—A. B. Wittenberg 1907, and A. M. 1910; Interne, Hosp. Women of Maryland 1914-15; Res. E. Steele Magee Hosp. Pittsburgh 1915-16.—Asst. Res. Hebrew Hosp., Balt.

Downs, Chester Arthur—A. B. Oregon 1910; Med. Student Harvard 1910-11; Interne, Hartford Hosp. Conn. 1914-16.—Physician, 297 Fargo St., Portland, Ore.

Ducasse, Edmond Frederic—A. B. Washington 1910.—Europe.

Duffy, William Core—A. B. Wake Forest 1910; Interne, City Hosp. Bayview 1914-15; Vol. Asst. Surg. Path. Mayo Clinic, Rochester, Minn. July to Sept. 1915; Asst. in Fathol. 1915-16.—Asst. Res. Surg. and Asst. in Surg.

Duncan, John Baxter — A. B. Mercer 1910; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1914-15.—Interne, M. E. Hosp. Brooklyn, N. Y.

Dunn, George R.—Ph. B. Hamline 1910. R. H. O. 1914-15.—Asst. Res. Surg.

Eaton, Avis Chippewa—A. B. Wellesley 1909; Interne, Hosp. for Children and Tr. Sch. for Nurses and Alex. Maternity Cottage, San Francisco 1914-16.—Phys. Mendocino Hosp. Talmage, Cal.

Emrick, Marion W.—Ph. B. Franklin and Marshall 1910; Res. Phys. Lancaster Gen'l Hosp. Lancaster, Pa. 1914-15.—Physician, Harrisburg, Pa.

Englar, Thomas Shepherd—A. B. Western Maryland 1910; Med. Student Wisconsin 1910-11; Res. Phys. Kansas City Gen'l Hosp. Kansas City, Mo. 1914-15.—Physician, 5419 Harold Way, Los Angeles, Cal.

Evans, Frank Alexander—A. B. Washington and Jefferson 1910, and A. M. 1914; R. H. O. 1914-15; Asst. Res. Path. Presby. Hosp. and Instr. in Path. Coll. P. and S. N. Y. 1915-16.—Asst. Res. Phys. and Asst. in Med.

Fansler, Walter A.—A. B. and A. M. Missouri 1911 and 1912, and Med. Dept. 1909-10 and 1911 and 1912; Instr. Path. and Bact. Marquette Univ. Milwaukee 1914-15.—Asst. in Anat. U. of Minn. and Physician, Minneapolis.

Fechtig, Allen Garthwright—A. B. South 1910; Summer School, Virginia 1911-12, and Med. Dept. 1910-12.—Interne, N. Y. Polyclinic Hosp. New York.

***Fergusson, James Grant**—A. B. Stanford 1908; Med. Student, St. Andrew (Scotland) 1910-11, and Munich 1912-13.—Interne, Roosevelt Hosp. New York, Europe. (*Died, July* 14, 1916.)

Fleming, LeRoy Newton—A. B. Miami 1910; Asst. in Surg. 1914-15.—Asst. in Physiol. Harvard, Boston.

Flexner, Morris—A. B. Michigan 1910.—R. H. O. 1914-15; Asst. Res. Barnes Hosp. St. Louis 1915-16.—Physician, 948 S. 2d St., Louisville, Ky.

Frazee, Mary Louise — A. B. Goucher 1908. — Interne, Bloomingdale Hosp. White Plains, N. Y.

Gardner, Harold Bearce—S. B. Grinnell 1910; Res. Phys. St. Francis' Hosp. Pittsburgh 1914-16.—Asst. Dr. G. Kessel, Surg. St. Joseph's Hosp. and Physician, Cresco, Ia.

Grave, Floyd—S. B, Carlton 1908.—Interne, City and County Hosp. St. Paul, Minn. 1914-15.—Teach. Fellow, Med. U. of Minn. Minneapolis.

Hagan, Hugh Johnson—A. B. Washington and Lee 1910; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1914-15.—Physician, Roanoke, Va.

Hain, Raymond Fisher—S. B. Bucknell 1910; Interne, Church Home and Infirm. 1914-15.—Med. Officer, Hebrew Hosp. Balt.

Hall, Raymond Confer—S. B. Wesleyan (Ct.) 1909.—House Phys., Bellevue Hosp. New York.

Hampton, Henry Hunton—S. B. Tennessee 1903.—Interne, Church Home and Infirm. Baltimore.

Harrell, Bryant Eugene — A. B. Randolph-Macon 1907.—Res. Surg. Jefferson Surg. Hosp. Roanoke, Va.

Haupt, Walter Clark — Ph. D. 1908; Grad. Student Michigan 1910; Asst. Phys. Butler Hosp. Providence, R. I. 1914-15; Asst. Neurol. Inst. of N. Y. New York City 1915-16.—Physician, 161 E. 79th St., New York.

Hodge, Mary Ashmun—A. B. Stanford 1903, and Grad. Student 1909-10.—Asst. in Clin. Med. and Dispensary Physician.

Hooper, Charles Warren—A. B. Kansas 1911, and Med. Student 1909-11.—Instr. Resch. Med. Geo. W. Hooper Fndn. for Med. Resch. Univ. Calif. San Francisco.

Huffman, Lyman Foster — S. B. Ohio Wesleyan 1910; Interne, Lakeside Hosp. Cleveland 1914-15.—Physician, Galion, O.

Hutchison, James Elder — A. B. Ohio State 1909, and Grad. Student, Iowa State 1909-10. — Interne, Hartford Hospital, Conn.

Ingraham, Ruth — A. B. Vassar 1907, and Grad. Student, Barnard 1909-10; Interne, Woman's Hosp. Philadelphia 1914-15.—Asst. Phys. Greenpoint Hosp. and Physician, 444 Clinton Ave., Brooklyn, N. Y.

Jack, William David—A. B. Creighton 1908; Grad. Student, Chicago 1909-10; Interne, Peter Bent Brigham Hosp. Boston 1914-15.—Asst. Res. Brady Institute.

Jones, Walter Falke—A. B. Hamilton 1908, and A. M. 1909.—Interne, French Hosp. New York.

Keister, William Shirey—A. B. Roanoke 1907, and A. M. 1910; U. S. Marine Hosp. Wilmington, N. C. 1914.—Dist. Dir. Va. State Bd. Health, Richmond.

Kelly, Claude Currie—S. B. Davidson 1909; Interne, M. E. Hosp. Brooklyn, N. Y. 1914-16.—Asst. Res. Surg. U. P. I. Balt.

Ketcham, Clarence Searle—B. L. Rutgers 1910, and A. M. 1914; Interne, P. P. Infirm. Baltimore 1914-15; Army Med. Sch. 1915-16.—1st Lt. Med. Corps U. S. A. Washington, D. C.

King, John Theodore, Jr.—A. B. Princeton 1910; R. H. O. 1914-15; Asst. Res. Phys. 1915-16.—Asst. in Clin. Med. and Physician, Balt.

***Krake, Leigh Seward**—A. B. Nebraska 1907. (*Died, July* 9, 1914.)

McGill, Caroline—A. B. Missouri 1904, A. M. 1905, and Ph. D. 1908; Chicago Summer, 1907; Berlin 1909; Tübingen 1910. — Pathol. Murray Hosp. Butte, Mont.

Martin, Floyd August—A. B. Missouri 1911, and A. M. 1912, and Med. Dept. 1906-09; Instr. Pathol. and Bacteriol. Univ. of Missouri, Columbia 1914-15; Asst. Supt. State Hosp. No. 1, Fulton, Mo. 1915-16.—Lab. Diag. Detroit Clin. Lab. Detroit, Mich.

Marvel, Norman Clyde — A. B. 1910; Interne, Hosp. Women of Maryland, Baltimore 1914-15. — Interne, French Hosp. N. Y.

Meyer, Jerome—S. B. Alabama 1908; Med. Dept. J. H. U. 1908-10; Med. House Officer, Washington Univ. St. Louis 1914-15; Med. Officer, Child'ns Mem. Hosp. Chicago 1915-16; H. O. Boston Float'g Hosp. Summer 1916.—Physician, 717 E. Genesee St., Syracuse, N. Y.

Mosiman, Roscoe E.—S. B. Huron 1910; Interne, Lakeside Hosp. Cleveland 1914-15.—Asst. Res. Surg. St. Agnes' Hosp.

Moyle, Robert Davie—A. B. McMaster 1908.—Freiburg, i/B Germany.

Ormond, John Kelso—A. B. Princeton 1906; R. H. O. 1914-15; Asst. Res. Phys. City Hosp. Bay View 1915-16.—Asst. Res. Surg. Henry Ford Hosp. Detroit, Mich.

Plumer, John Shaffer—S. B. Pittsburgh 1909; Asst. in Pathol. Allegheny Gen'l

Hosp. Pittsburgh 1914-16.—Asst. Path. Singer Mem. Resch. Lab. Pittsburgh.

Redelings, Leslie Hall — S. B. Northwestern 1909, and M. S. 1910; R. H. O. 1914-15.—Fellow, Mayo Clinic, Rochester, Minn.

Reichard, John Davis — A. B. Trinity (Ct.) 1910; Interne, Church Home and Infirm. 1914-15 and Md. T. B. San't'm 1915-16.—Asst. Surg. U. S. P. H. Washington, D. C.

Reinhard, Ferdinand Oscar Wolfgang—A. B. 1908; Interne, St. Mary's Hosp. Milwaukee (3 mos.); Res. Johns Hopkins Hosp. Sch. and Convales. Home Colored Chldn. 1914-15; Amer. Red Cross, Serbia 1915-16.—Asst. Res. Bay View.

Robinson, Aaron—A. B. 1910.—Interne, Hebrew Hosp. Baltimore 1914-16.—Physician, Balto.

Rockwood, Ethel May—S. B. Simmons 1909; Interne, Memorial Hosp. Worcester, Mass. 1914-16.—P. G. in Ortho. Harvard Boston.

Rothholz, Alma Sophia—A. B. Smith 1910; R. H. O. 1914-15; Asst. in Laryngol. 1915-16.—Asst. Disp. Phys. and Physician, 2108 Bolton St.

Saltzstein, Harry—Ph. B. Yale 1910.—Interne, Mt. Siani Hosp. New York.

Schmitt, John Joseph Szymanski—A. B. St. John's (Brooklyn) 1910; Asst. Surg. U. S. P. H. S. Wilmington, N. C. 1914-15; Sanitary Inspect. Amer. Red Cross, Nishe, Serbia 1915-16.—Physician, Passaic, N. J.

Sewell, John Holt—E. E. Texas 1908; Interne, City Hosp. Bayview 1914-16.—Physician, Ft. Worth, Tex.

Shaffer, Floyd Elmer—A. B. Lebanon Valley 1910.—Res. Phys. German Hosp. Philadelphia.

Sherrick, Joseph Leslie — A. B. Monmouth 1908; A. M. Yale 1910; Interne, Mass. Gen'l Hosp. Boston 1914-15.—Physician, Monmouth, Ill.

Sherry, Leroy Briggs — A. B. Illinois 1910.—Asst. Res. Surg. Lakeside Hosp. Cleveland.

Silvester, Richard Lee—S. B. Maryland Agricult. 1909, and Grad. Student, 1909-10.—Interne, Hosp. Women of Maryland, Baltimore.

Stubbs, Landon Elwood — A. B. Randolph-Macon 1910; Interne, Garfield Mem. Hosp. Washington, D. C. 1914-15.—Physician, Gloucester, Va.

Taylor, Herbert Douglas — A. B. St. John's 1910; Prof. Bacteriol. and Pathol. Wake Forest Coll. N. C. 1914-15.—Asst. Path. and Bact. Rockefeller Inst. for Med. Resch. N. Y.

Utzinger, Otto E.— A. B. Stanford 1910: Asst. Res. U. P. Infirm. Baltimore.—Surgeon, Ithaca, N. Y.

Vanneman, Joseph Stephens — Ph. B. Dickinson 1910; Interne, Church Home and Infirm. Baltimore 1914-15.—Res. Phys. Princeton Univ. Infirm. Princeton, N. J.

Van Valzah, Laurie—A. B. Oregon 1910; Interne, So. Pacific Hosp. San Francisco 1914-15.—Army Med. Sch. Washington, D. C.

Venable, John Manning—A. B. North Carolina 1910, and Med. Dept. 1910-12.—Interne, St. Luke's Hosp. New York.

Webb, Joseph—A. B. Wittenberg 1910. R. H. O. 1914-15.—Sr. Interne, Obstet. and Gyne. Stanford Univ. San Francisco.

Webb, Roscoe Clayton—A. B. Minnesota 1911.—House Surg. N. Y. Hosp. N. Y.

Webster, Jerome Pierce—A. B. Trinity (Ct.) 1910; R. H. O. 1914-15; Asst. Res. Surgeon 1915-16.—Special Agent, Dept. of State attached to Amer. Embassy, Berlin, Ger.

Wilson Harry Eugene—A. B. St. John's 1910; Asst. to Dr. Long, Greensboro Hosp. N. C. 1914-15.—Asst. Res. Church Home, Baltimore.

Wolff, Sylvain Beer—S. B. Louisiana State 1910. — House Surg. Bellevue Hosp. New York.

Wood, Evans Beauchamp—S. B. Ala. Polytech. 1907, and M. S. 1908; Interne, Lakeside Hosp. Cleveland 1914-16.—Prof. Therap. Emory Univ. and Physician, Atlanta, Ga.

Woods, Alan Churchill—A. B. 1910; Interne, Peter Bent Brigham Hosp. Boston 1914-15. — Fellow, Dept. Resch. Med. U. of Penna. and Asst. in Opthal.

Wynne, Herbert Maxwell Nash—S. B. Bethany 1906, and A. M. 1907; Grad. Student, Ohio State 1909; R. H. O. 1914-15.—Asst. Res. Gynecol.

Zadek, Isadore — S. B. Ala. Polytech. 1910; R. H. O. 1914-15; Res. Childn. Hosp. Sch. 1915-16.—Interne, Hosp. for Rupt. and Crippled, N. Y.

Smith, John Frederick — A. B. Lake Forest 1907.—Interne, Bellevue Hosp. New York. (*Degree granted February* 22, 1915.)

Class Secretary — John T. King, Jr., 1425 Eutaw Pl.

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1915

Adair, Frank Earl—A. B. Marietta 1910.—Interne, New York Hosp. N. Y.

Andrew, Harvey Montreville — S. B. Waynesburg 1911.—Interne, Hartford Hosp. Conn.

Armstrong, Charles—S. B. Mt. Union 1910; Interne, New Haven Gen'l Hosp. Conn. 1915-16.—U. S. Contag. Hosp. Ellis Island, N. Y.

Atchley, Dana Winslow—S. B. Chicago 1911; R. H. O. 1915-16.—Fellow in Med. Coll. P. and S. N. Y. and Asst. Phys. Presby. Hosp. N. Y.

Aull, John—A. B. Virginia 1911; Interne, Washington Univ. Hosp. and Children's Hosp. St. Louis 1915-16.—Physician, Lexington, Mo.

Bacon, Arthur Maynard—A. B. Western Maryland 1911; Interne, Garfield Memorial Hosp. Washington, D. C. 1915-16.—Physician, Ardmore, Okla.

Baldwin, John Cook—S. B. Hamilton 1910, and M. S. 1913; Grad. Student Berlin, 1910-11; Interne, St. Francis' Hosp. Pittsburgh 1915-16.—Asst. Disp. Ped. and Physician, Balt.

Batchelor, Marjorie Dietz—A. B. Wellesley 1907.—Asst. in Med. and Disp. Physician.

Batchelor, Roger Putnam—A. B. Wisconsin 1911; Assistant in Surg. H. L. 1915-16.—Instr. and Externe in Surg.

Bates, Harold Edwards—A. B. Oregon 1910.—Interne, Bellevue Hosp. New York.

Bean, Leo. Chapman—Ph. B. Ohio 1911; Interne, Union Protest. Infirmary 1915-16.—Asst. Res. Phys. City Hosp. Bay View.

Belden, Louis de Keyser—S. B. North Carolina 1910, and Med. Dept. 1911-13.—Interne, Roosevelt Hosp. New York.

Braunlich, George—Ph. B. Chicago 1910.—Interne, New Haven Hosp. Conn.

Burket, Walter C.—S. B. Chicago 1911, and A. B. Baker, 1912; R. H. O. 1915-16.—Asst. Res. Surg. (H. L.)

Christopher, Frederick—S. B. Northwestern 1911.—Interne, New York Hosp. New York.

Clark, Admont Halsey—A. B. Oberlin 1910.—Instr. in Pathol. and Asst. Res. Pathol.

Clarke, Jefferson Hamer, Jr.—A. B. Haverford 1911. — Interne, Philadelphia Gen'l Hosp. Philadelphia.

Clausen, Samuel Wolcott—A. B. Williams 1910; Grad. Student, Princeton 1910-11; R. H. O. 1915-16.—Asst. in Med.

Clough, Harry Duffield—A. B. Brown 1908, and A. M. 1911.—Interne, R. I. State Hosp. Providence.

Crawford, Rena—Ph. B. Chicago 1903; A. M. Columbia 1910; Interne, N. Y. Infirmary for Women and Children, New York 1915-16.—Res. Phys. Royal Hosp. for Sick Chldn. Edinburgh, Scotland.

Cunningham, Robert Sydney—S. B. and A. M. Davidson 1911; Assistant in Anatomy 1915-16.—Instructor.

Dayton, Arthur Bliss—Ph. B. Yale 1911; Fellow in Pathology 1915-16.—

Delatour, Beeckman J.—S. B. Amherst 1911.—Interne, St. Luke's Hosp. New York.

Derr, Woods Frederick—A. B. Bucknall 1911; Interne, Williamsport Hosp. Williamsport, Pa. 1915-16. — Physician, Williamsport, Pa.

Doherty, Drayton Howard—A. B. Howard 1910.—Physician, Selma, Ala.

Elmendorf, DuMont F.—A. B. Rutgers 1911 and A. M., 1915; House Officer, 1915-16.—Asst. Res. Surg. and Res. Orth. Surg.

Fallas, Roy Edwin—A. B. Leland Stanford, Jr. 1911; R. H. O. 1915-16.—Asst. Res. Lakeside Hosp. Cleveland.

Faust, Otto Alois—Ph. B. Union 1911. —Interne, The R. I. Hosp. Providence.

Gasser, Herbert Spencer—A. B. and A. M. Wisconsin 1910 and 1911, and Med. Dept. 1909-11; Asst. and Instr. in Physiol. *ibid.* 1911-13; Instr. in 1915-16.—Instr. in Pharmacol. Univ. Wisconsin, Madison 1915-16. — Instr. Physiol. Washg. Univ. St. Louis.

von Glahn, William Carson—S. B. Davidson 1911.—Interne, New Haven Hosp. Conn.

Glass, Samuel James, Jr.—S. B. Pittsburgh 1911; Interne, Hosp. for Women of Maryland 1915-16.—Res. Surg. Providence Hosp. Washington, D. C.

Gober, William Mayes—A. B. Georgia 1909. — Interne, Methodist Episcopal Hosp. Brooklyn.

Goddard, Calvin Hooker—A. B. 1911; Asst. in Med. Heart Station, J. H. H. and Asst. Disp. Phys. 1915-16.—1st Lieut., Army Med. Res. Corps, U. S. A., Washington, D. C.

Griffith, Lewie Muller—S. B. South Carolina 1908; Asst. in Laryngology and Res. So. Balt. Eye, Ear, Nose and Throat Hosp. 1915-16.—Surgeon, Asheville, N. C.

Griffith, Roy—S. B. Georgia 1911.—Interne, Hartford Hosp. Conn.

Haden, Russell Landram—A. B. Virginia 1910, and A. M. 1911; R. H. O. 1915-16.—Asst. Res. Phys. Henry Ford Hosp. Detroit, Mich.

Happ, William Morris—A. B. Georgia 1911; Interne, City Hosp. Bayview 1915-16.—Disp. Phys. Harriet Lane Home.

Heddens, Vernon Offutt—A. B. Missouri 1910.—Interne, New York Hosp. N. Y.

Houck, Frank M.—Ph. B. Dickinson 1910. —Interne, Cragmor Sanatorium, Colo. Spgs. Colo.

Irwin, Stewart Vernon—S. B. California 1911; R. H. O. 1915-16.—Asst. Res. Phys.

Joseph, Morris—S. B. New York 1911; Student, Bellevue Hosp. Med. Coll. 1910-11. — Res. Phys. Santo Tomas Hosp. Panama Canal Service.

McLean, McDugald Keener—A. B. Southwestern 1908; Med. Dept. J. H. U. 1909-10; B. Sc. Oxford, England, 1913; Interne, City Hosp. Bayview 1915-16.—Physician, 704 Wilson Bldg., Dallas, Tex.

MacRae, Floyd Wilcox, Jr.—Ph. B. Yale 1911; Interne, Lakeside Hosp. Cleveland, 1915-16.—Physician, 1014 Peachtree St., Atlanta, Ga.

McVay, James Robert—A. B. Missouri 1912, and A. M., 1913, Med. Dept. 1910-12, and Grad. Student 1912-13; Interne, Lakeside Hosp. Cleveland, 1915-16.—Fellow in Surg. Mayo Clinic, Rochester, Minn.

Makel, Hertel Philip—A. B. 1911.—Res. Surg. St. Agnes' Hosp.

Mason, Verne Rheem—S. B. California 1911; R. H. O. 1915-16.—Asst. Res. Phys.

Maxcy, Kenneth Fuller—A. B. George Washington 1911; R. H. O. 1915-16.—Asst. Res. Ped'n.

Melen, David Ralph—S. B. Rochester 1911. — Interne, Rochester Infants' Summer Hosp. (Summer, 1915); Interne, Rochester Gen'l Hosp. New York.

Mitchener, James Samuel—S. B. Davidson 1909.—Physician, Edenton, N. C.

Morgan, Harold Sydney—A. B. Leland Stanford, Jr. 1912, and Med. Dept. 1911-12. — Interne, Bellevue Hosp. New York.

Moore, Thomas Verner—Ph. D. Catholic U. of A. 1903; Fellow and Instr. in Psychol. Med. Student, Georgetown 1910-13, and Munich 1913-14.—Assoc. Prof. Psychol. Catholic Univ. of America, and Dir. Prov. Psychia. Disp. Washington, D. C.

Morison, Rufus Ayers — Va. Military Inst. 1905.—Res. Phys. Royal Victoria Hosp. Montreal, Canada.

Murray, John Gardner, Jr.—A. B. 1911; R. H. O. 1915-16.—Asst. Res. Obstet. and Disp. Obstet. and Asst. in Obstetrics.

Musser, Harvey Huston—A. B. 1911; R. H. O. 1915-16.—Asst. Res. Phys.

Newcomer, Harry Sidney—A. B. Wisconsin 1909, and A. M. 1910, and Grad. Student 1910-11; Chicago Summer Qr. 1910-11, and Freiburg 1912-13.—Res. Pathol. Penna. Hosp. Philadelphia.

Peightal, Thomas Christian — Ph. B. Franklin and Marshall 1911.—Interne, Roosevelt Hosp. New York.

Preston, George Hinrichs—A. B. 1911; R. H. O. 1915-16.—Interne in Psychiatry.

Putnam, Mary—A. B. Bryn Mawr 1910; Interne, N. Y. Infirmary for Women and Children, New York 1915-16.—Phys. Royal Hosp. for Sick Chldn. Glasgow, Scotland.

Rhodes, George Kremer—S. B. California 1912, and Med. Dept. 1911-12; R. H. O. 1915-16.—Asst. Res. Roosevelt Hosp. N. Y.

Richards, Davis Neeper—A. B. Wooster 1911. — Interne, Montreal Maternity Hosp. Canada.

Richards, Esther Loring—A. B. Mt. Holyoke 1910; Med. Dept. Wisconsin 1910-13; R. H. O. 1915-16.—Asst. Res. Phys. Phipps Psychia. Clinic.

Rivers, Thomas Milton—A. B. Emory 1909; Med. Dept. J. H. U. 1909-11; R. H. O. 1915-16.—Asst. Res. Ped'n.

Rosenthal, Gilbert White—A. B. 1910, and Grad. Student 1910-11; R. H. O. 1915-16.—Physician, Baltimore.

Rothschild, Lippman Levy—A. B. Yale 1910. — Interne, Phipps Psychiatric Clinic.

Schnack, Adolph George—A. B. Leland Stanford, Jr. 1910; A. M. Yale 1911. —Interne, Mass. Gen'l Hosp. Boston.

Scott, Katherine Julia—A. B. Wellesley 1910; Grad. Student, Radcliffe 1910-11.—Instr. in Anatomy, U. of Calif. Berkeley.

Shellito, Judd Campbell—S. B. Princeton 1911; Interne, Harper Hosp. Detroit 1915-16. — Physician, Independence, Ia.

Shewbrooks, Daniel Marsh—A. B. Middlebury 1909.—Interne, City and County Hosp. St. Paul, Minn.

Slater, Harvey M.—A. B. Oregon 1911. —Interne, City and County Hosp. St. Paul, Minn.

Smith, Daniel Clarke Wharton 2nd—Ph. B. Yale 1911; Interne, City Hosp. Bayview 1915-16.—Interne in Pediatrics.

Smith, Lucius Ernest—S. B. Kentucky 1911; Interne, Presbyterian Hosp. San Juan, P. R. 1915-16.—West African Miss'n, Batanga, Cent. W. A.

Smith, L. Howard—S. B. Huron 1910. —Interne, Garfield Memorial Hosp. Washington, D. C.

Swan, Mary Hannah—A. B. Mt. Holyoke 1905; Woman's Med. Coll. of Pa. 1910-12.—Pathol. Central Hosp. Ill. C. R. R. Chicago.

Sydenstricker, Virgil Preston Willis—A. B. Washington and Lee 1910, and A. M. 1911; R. H. O. 1915-16.—Asst. in Med.

Teppan, Benjamin—A. B. 1911; Interne, Cincinnati Gen'l Hosp. Ohio 1915-16.—Saranac Lake, N. Y.

Thomas, William Clark—A. B. Emory 1911.—Interne, Union Protestant Infirmary.

Trueblood, Donald Vaughn—A. B. Washington 1911; R. H. O. 1915-16.—

Tucker, Prescott Stearns—A. B. George Washington 1911; R. H. O. 1915-16.—Army Med. Sch. Washington, D. C.

Turner, John Calvin, Jr.—S. B. Davidson 1908, and A. M. 1909; Grad. Student, Columbia 1910-11.—Interne, St. Luke's Hosp. New York.

Turner, Victor Roland—S. B. Denison 1909; A. M. Harvard 1911.—Interne, St. Luke's Hosp. New York.

Walker, John Edward—S. B. Ala. Polytech. 1910, and M. S. 1911; Interne, City Hosp. Bayview 1915-16.—1st Lt. Med. Res. Corps, Army Med. Sch. Washington, D. C.

Warner, Charles Luther—A. B. 1911.—Asst. Res. Hosp. for Women of Maryland.

Werner, Roy Gillilan—A. B. Ohio State 1909, and Grad. Student 1909-10; Med. Student, Chicago, Summer, 1911.—Physician, Parkersburg, W. Va.

Wharton, Lawrence Richardson—Ph. B. Hiram 1907; Grad. Student, J. H. U. 1910, and DePauw 1911; R. H. O. 1915-16.—Asst. Res. Gyne.

Whisman, Henry Stafford—S. B. California 1911.—Interne, Roosevelt Hosp. New York.

Williams, Louis Hicks — A. B. North Carolina 1911; Interne, Polyclinic Hosp. New York 1915-16.—Asst. Surg. U. S. N. Med. Res. Corps, Navy Yd. Norfolk, Va.

Wix, Edward Blaine—Ph. B. Yale 1911. Physician, 561 Clinton Ave., Newark, N. J.

Woo, Sien-ming (Hu Hsüan-ming)—A. B. St. John's (Shanghai) 1910, Grad. Student, J. H. U. 1910-11.—Student Sch. for Health Officers, Harvard and Mass. Inst. Tech.

Chisolm, James Julian—A. B. Princeton, 1911.—Asst. Res. Laryn. and Asst. in Laryn. (*Degree granted Feb.* 22, 1916.) (89)

Class Secretary—Benjamin Tappan, 1419 Bolton St.

1916

Anderson, William Willis—A. B. Georgia 1911.—Interne, City Hosp. Bayview.

Applebaum, Herman S.—A. B. 1912.—Interne, Mt. Sinai Hosp. Cleveland, O.

Bacon, Emily Partridge—A. B. Wilson 1912. — Interne, Philadelphia Gen'l Hosp. Philadelphia.

Barclay, Irvin C.—S. B. Knox 1912.—R. H. O.

Barlow, Bryan Anderson—S. B. Alabama 1912.—Physician, Ft. Wayne, Ind.

Bean, Harold Cedric—A. B. Oregon 1912, and Med. Dept. 1912-13.—R. H. O.

Blanco, Pio—S. B. Washington and Jefferson 1912.—Interne, University Hosp. Minneapolis, Minn.

Brock, Sam—A. B. Georgia 1911.—Interne, Lakeside Hosp. Cleveland, O.

Bullard, H. Hays—A. B. Missouri, 1908; A. M., 1909, and Med. Dept., 1906-08; Ph. D., uTlane 1912.—Asst. in Pathology.

Burkholder, Harry Jackson—S. B. Monmouth 1912.—Interne, Hartford Hosp. Conn.

Carden, John Joseph, Jr.—S. B. California 1912.—Interne Bridgeport City Hosp. Conn.

Christman, Paul William—S. B. California 1912; College of Medicine, *ibid.*, 1911-13.—Interne, City Hosp. Bayview.

Clark, Seymour Garland—Ph. B., Emory 1912.—Interne, M. E. Hosp. Brooklyn, N. Y.

Conrad, Henry Brown—A. B. Wake Forest 1912, A. M. 1913 and Med. Dept. 1912-13.—R. H. O.

Cummings, William Walter—A. B. Brown 1912. — Interne, R. I. Gen'l Hosp. Providence.

Darrow, Frank Irons—S. B. N. D. Agr. 1912.—Interne, Barnes Hospital, St. Louis, Mo.

Disbrow, Harold Ball—A. B. Princeton 1911. — Interne, Jefferson Surgical Hosp. Roanoke, Va.

Eidson, Joseph Pugh—A. B. Miami 1912.—R. H. O.

Erickson, Reuben Johan—A. B. Knox 1911.—Interne, Royal Victoria Hosp. Montreal, Can.

Etheridge, James Allan—A. B. Georgia 1912.—R. H. O.

Fairbank, Ruth Eldred—A. B. Illinois 1911.—R. H. O.

Felton, Lloyd Derr—A. B. Wooster 1910, and Grad. Student Columbia.—Asst. Bacteriol. and Serology.

Fielder, Roy Lamar—A. B. and S. B. Emory and Henry, 1912. — Interne, Southern Pacific Hosp. San Francisco.

Finney, William Parker, Jr.—A. B. Princeton 1908; Grad. Student, J. H. U. 1911-12.—Rockefeller Fellow in Pathol.

Fuller, Robert Guy—S. B. Louisiana State 1907.—Res. H. A. Kelly Hosp.

Gill, Hugh Clinton Fiske—S. B. Maryland Agr. 1912.—Interne, Union Protestant Infirmary.

Greenwood, Adolphus Barte—A. B. Univ. of N. Carolina 1910, and Med. Dept. 1912-14. — Interne, Highsmith Hosp. Fayetteville, N. C.

Grempler, Walter Edward—A. B. 1912.—Interne, Hosp. of Univ. of Minn. Minneapolis.

Haessler, Ferdinand Herbert—A. B. Wisconsin 1914, and Med. Dept., 1912-14;

Chicago, Feb. 1914-June 1914.—Interne, Henry Ford Hosp. Detroit, Mich.

Hallock, David Horace—A. B. Hamilton 1912.—Interne, N. Y. Hosp.

Hamman, Howard Harrison—S. B. Allegheny 1912. — Interne, West Penn. Hosp. Pittsburgh, Penna.

Handy, Margaret Irving—A. B. Goucher 1911.—Interne, Woman's Hosp. Philadelphia.

Harmon, Charles Maxwell—A. B. Lake Forest 1912.—Interne, Church Home and Infirm. Baltimore.

Harris, John Warton—A. B. and A. M. Univ. of North Carolina 1911-12.—R. H. O.

Harrop, George Argale, Jr.—A. B. Harvard 1912.—R. H. O.

Heldt, Thomas Johannes—A. B. and A. M. Missouri 1910 and 1912, and Med. Dept. June 1912 to Sept. 1914.—Interne, Psychiatric Inst. Ward's Island, N. Y.

Herpel, Frederick Karl—A. B. Allegheny 1912.—Interne, Hartford Hosp. Conn.

Hicks, Elijah Maxie, Jr.—A. B. Furman 1912, and A. M. 1913.—Interne, Jefferson Surg. Hosp. Roanoke, Va.

Hood, Robert Carhart—A. B. Washington and Lee 1912.—Interne, Post-Graduate Hosp. N. Y.

Hundley, Jack Mason—A. B. St. John's 1912.—Interne, Union Protestant Infirm. Baltimore.

Jenks, Mildred—A. B. Wellesley 1911.—Interne, Infirm. for Women and Children, N. Y.

Kinne, Arthur Lyman—A. B. Dartmouth 1912.—R. H. O. Boston City Hosp. Boston.

Lawrence, Joseph Sell—A. B. Franklin and Marshall 1904, and A. M., 1912.—Asst. in Bact. and Hygiene.

Lena, Hugh Francis—A. B. Dartmouth 1912.—R. H. O. Boston City Hosp. Boston.

Lincoln, Asa Liggett—A. B. Elon 1910, and A. M., 1911.—Interne, Post-Graduate N. Y.

Long, John Gabriel—A. B. Franklin and Marshall 1912.—Interne, St. Agnes' Hosp. Balt.

Lovett, Irving Kennedy—Ph. B. Lafayette 1912.—R. H. O.

McCafferty, Lawrence Kinsman—A. B. Kenyon 1912. — Interne, Children's Hosp. School.

McCarthy, Charles Lee—S. B. Princeton 1912.—R. H. O.

McGuire, Patrick Francis—A. B. Rock Hill 1909.—R. H. O.

Maas, Edith Helen—A. B. Vassar 1912; Columbia, Summer 1912. — Interne, Bellevue Hosp. N. Y.

Major, Richard S.—A. B. Wofford 1909.—Asst. Dir. Rural Sanit'n S. C. State Bd. Health Greenville, S. C.

Martin, Walter Bramblette—S. B. Virginia Polytech. 1909.—R. H. O.

Miller, Milo Kirk—A. B. Illinois 1912.—R. H. O.

Mitchell, William Thomas, Jr.—S. B. Pittsburgh 1912.—Interne, Allegheny Gen'l Hosp. Pittsburgh, Pa.

Moore, Joseph Earle—A. B. Kansas 1914; Summer Session, Chicago, 1913-14.—R. H. O.

Mullin, John Henry—S. B. Princeton 1912.—Interne, M. E. Hosp. Philadelphia, Pa.

Murchison, David Reid—A. B. North Carolina 1912.—Interne, Henry Ford Hosp. Detroit, Mich.

Pfitsch, Alfred, Jr.—A. B. Western Maryland 1912.—Interne, St. Agnes' Hosp. Balt.

Pritchett, Charles Bernard—A. B. Washington and Lee 1912.—Interne, St. Agnes' Hosp. Balt.

Reese, Sidney O., Jr.—S. B. Nebraska 1913, and Med. Dept. 1911-13.—R. H. O.

Reid, Horace Withers—A. B. Central Univ. of Kentucky 1911, and A. M. 1912.—R. H. O.

Reynolds, Fred Dawson—S. B. Alabama 1912.—Interne, St. Francis Hosp. Pittsburgh, Pa.

Reynolds, Lawrence—A. B. Alabama 1912.—Asst. X-Ray Dept. J. H. H.

Roberts, Francis Errett—A. B. Bethany 1912.—R. H. O.

Sevier, Charles Edwin—S. B. Vanderbilt 1912.—R. H. O.

Sevier, John Alston—S. B. Vanderbilt 1912.—R. H. O.

Smith, Daniel Glen—S. B. Union 1912.—R. H. O.

Smith, Taylor Bivens—A. B. Marietta 1912.—Interne, Univ. Hosp. of Minnesota, Minn.

Southard, William White—A. B. Stanford 1910.—Interne, U. S. Soldiers' Home Hosp. Washington, D. C.

Speed, James Spencer—A. B. Virginia 1912.—Interne, Jefferson Hosp. Roanoke, Va.

Stifel, Richard Ernest—A. B. Harvard 1912.—Interne, Lakeside Hosp. Cleveland, O.

Stoddard, James Kent—A. B. Princeton 1912.—Interne, Mass. Gen'l Hosp. Boston.

Sutton, Alan Callender—A. B. 1912.—R. H. O.

Sutton, Thomas Lynn—A. B. Michigan 1912.—R. H. O.

Thomas, Henry M., Jr.—S. B. Haverford 1912.—Interne, Mass. Gen'l Hosp. Boston.

Warinner, Junius Ernest, Jr.—A. B. Richmond 1912.—Physician, Richmond, Va.

Wheeler, Theodora—(Mrs. T. W. Finney)—A. B. Vassar 1911.—Research in Anatomy.

White, Samuel Augustus—S. B. South Carolina 1912.—Asst. Res. Physician The Hosp. U. S. Soldiers' Home, Wash., D. C.

Wislocki, George Bernays—A. B. Washington Coll. (St. Louis) 1912.—Asst. in Anatomy.

Zimmerman, Ernest Ludwig—A. B. Dartmouth 1912.—Interne, Boston City Hosp. Boston.

(81)

Class Secretary—John G. Long, St. Agnes Hospital, Baltimore.

(1225)

Places of Residence of the Graduates in Medicine of the Johns Hopkins University

Alabama:

Birmingham, ... 9

R. T. Comer, '01.
K. W. Constantine, '05.
M. Y. Dabney, '12.
S. L. Ledbetter, Jr., '10.
F. A. Lupton, '99.
E. M. Mason, '06.
C. H. Moore, '13.
H. P. Shugerman, '08.
W. L. Thornton, '10.

Clayton, ... 1

N. L. Winn, '06.

Gadsden, ... 1

H. W. Bass, '06.

Mobile, ... 2

H. P. Cole, '06.
G. J. Winthrop, '06.

Montgomery, ... 1

W. W. Dinsmore, '07.

Opelika, ... 1

L. H. Watkins, '09.

Selma, ... 3

D. H. Doherty, '15.
M. A. Maas, '11.
P. B. Moss, '09.

Alaska:

Ellamar, ... 1

E. C. Gross, '11.

Arizona:

Phoenix, ... 3

C. B. Palmer, '07.
F. H. Redewill, '06.
M. B. Walker (Williams), '01.

Tucson, ... 1

J. I. Butler, '01.

Arkansas:

Hot Springs, ... 1

J. H. Chestnutt, '07.

Little Rock, ... 1

J. I. Scarborough, '08.

California:

Berkeley, ... 7

G. W. Corner, '13.
H. M. Evans, '08.
F. P. Gay, '01.
G. Y. Rusk, '00.
K. J. Scott, '15.
H. S. Thomson, '09.
C. L. Williams, '02.

Los Angeles, ... 17

F. C. Ainley, '06.
W. V. Brem, Jr., '04.
C. Burnside, '07.
A. B. Cecil, '09.
J. L. Choate, '10.
R. L. Cunningham, '07.
T. S. Englar, '14.
E. C. Fishbaugh, '13.
H. M. Gallagher, '11.
R. W. Hammack, '11.
R. F. Hastreiter, '01.
W. C. McKee, '13.
D. H. Morse, '10.
C. W. Rand, '12.
F. S. Ray, '08.
L. E. Ray, '08.
R. R. Rea, '06.

Oakland, ... 1

C. H. Horst, '02.

Palo Alto, ... 2

A. W. Meyer, '05.
C. D. Mosher, '00.

Sacramento, ... 2

C. M. Faris, '05.
F. F. Gundrum, '08.

San Diego, ... 2

R. S. Carter, '10.
P. Wegeforth, '12.

San Francisco, ... 35

H. W. Allen, '00.
V. B. Appleton, '06.
E. E. Brownell, '99.
J. V. Cooke, '08.
H. H. Dignan, '13.
R. L. Fielder, '16.
A. L. Fisher, '00.
L. Gerdine, '13.
S. L. Haas, '08.
H. Harris, '99.
G. W. Hartman, '07.
A. W. Hewlett, '00.

F. Hinman, '06.
C. W. Hooper, '14.
S. H. Hurwitz, '12.
S. Hyman, '02.
R. A. Kocher, '12.
H. L. Langnecker, '06.
H. Lisser, '11.
A. G. Lyle, '02.
F. W. Lynch, '99.
J. C. Neel, '10.
R. Patek, '06.
J. P. Pratt, '10.
A. Rhode, '10.
E. Rosencrantz, '04.
M. Silverberg, '02.
H. A. Stephenson, '10.
J. Van Denburgh, '02.
E. M. Watters, '13.
J. Webb, '14.
G. H. Whipple, '05.
H. I. Wiel, '05.
F. T. Williams, '12.
J. M. Wolfsohn, '11.

San Gabriel, ... 1
C. L. Magee, '99.

Stanford University, ... 3
C. F. de Angulo, '11.
J. de Angulo, '11.
W. H. Manwaring, '04.

Talmage, ... 1
A. C. Eaton, '14.

Colorado:

Colorado Springs, ... 5
G. B. Gilbert, '07.
F. M. Houck, '15.
S. W. Schaefer, '09.
J. R. Stewart, '09.
W. W. Williams, '99.

Denver, ... 3
H. G. Garwood, '04.
C. B. Ingraham, Jr., '06.
M. Long, '03.

Connecticut:

Bridgeport, ... 2
J. J. Carden, Jr., '16.
F. P. Carroll, '14.

Hartford, ... 23
H. M. Andrew, '15.
J. L. Birdsong, '09.
H. J. Burkholder, '16.
E. B. Carter, '11.
H. N. Costello, '10.
G. W. Cox, '11.
C. D. Deming, '10.
E. A. Deming, '08.
W. Dwyer, '13.
R. Griffith, '15.
A. H. Griswold, '06.
T. N. Hepburn, '05.
F. K. Herpel, '16.
J. E. Hutchinson, '14.
H. G. Jarvis, '10.
H. A. Martelle, '05.
J. R. Miller, '11.
H. C. Russ, '06.
W. R. Steiner, '98.
D. W. Tracy, '08.
R. L. Waite, '09.
D. B. Wells, '12.
E. A. Wells, '01.

Litchfield, ... 1
C. H. Turkington, '07.

Middletown, ... 1
H. Rinde, '08.

Montowese, ... 1
R. W. Nichols, '12.

New Britain, ... 1
C. H. Travis, '03.

New Haven, ... 11
H. G. Barbour, '10.
G. Braunlich, '15.
J. W. Churchman, '02.
J. M. Flint, '00.
W. C. von Glahn, '15.
D. M. Lewis, '01.
W. H. Morriss, '12.
A. H. Morse, '66.
R. F. Rand, '00.
J. M. Slemons, '01.
H. M. Steele, '02.

Norwich, ... 1
P. J. Cassidy, '98.

Stepney, ... 1
G. A. Smith, '07.

Thompsonville, ... 1
T. E. Vail, '11.

Terryville, ... 1
H. B. Woodward, '12.

Waterbury, ... 1
W. H. Licht, '11.

West Haven, ... 1
R. D. Clarke, '08.

Delaware:

Laurel, ... 1
J. R. Elliott, '09.

Wilmington, ... 1
W. E. Bird, Jr., '11.

District of Columbia:

Washington 40

H. Beeuwkes, '06.
K. B. Bogle (Karpeles), '14.
J. B. Briggs, '02.
G. D. Chunn, '13.
H. D. Clarke (Kempf), '13.
J. Dunlop, '02.
W. G. Erving, '02.
H. A. Fowler, '01.
A. W. Freeman, '05.
S. J. Glass, Jr., '15.
C. H. Goddard, '15.
N. D. Graham, '01.
H. H. Hazen, '06.
E. S. Hendry, '11.
W. B. Hetfield, '11.
E. E. Hume, '13.
L. Tayler-Jones, '03.
H. M. Kaufman, '01.
H. L. Kelley, '07.
C. S. Ketcham, '14.
A. H. Kimball, '02.
W. E. H. Kretchting, '06.
L. C. Lehr, '02.
J. W. Lindsay, '08.
E. Lootz (Erving), '02.
C. N. McBryde, '97.
K. E. Miller, '12.
J. F. Mitchell, '97.
T. V. Moore, '15.
H. P. Parker, '01.
W. T. Parsons, '07.
E. H. Reede, '02.
J. D. Reichard, '14.
L. H. Smith, '15.
W. W. Southard, '16.
W. F. M. Sowers, '00.
P. S. Tucker, '15.
L. Van Valzah, '14.
J. E. Walker, '15.
S. A. White, '16.

Florida:

Jacksonville, ... 11

E. G. Birge, '07.
G. Day, '06.
J. E. Gammon, '12.
H. Hanson, '08.
G. R. Holden, '01.
E. Jelks, '13.
E. M. L'Engle, '02.
E. L. Lowell (Stevens), '00.
W. S. Manning, '03.
J. H. Randolph, '04.
C. P. Rogers, '02.

Lakeland, ... 1

R. Duffy, '02.

Miami, ... 1

I. C. Youmans, '09.

Pensacola, ... 1

H. Ginsberg, '10.

Zolfo, ... 1

J. R. Frow, '08.

Georgia:

Athens, ... 3

D. H. DuPree, '07.
J. A. Hunnicutt, '11.
H. I. Reynolds, '12.

Atlanta, ... 13

M. L. Boyd, '07.
C. E. Dowman, Jr., '05.
W. M. Dunn, '11.
L. M. Gaines, '03.
C. C. Hinton, '13.
R. G. McAliley, '11.
F. W. McRae, Jr., '15.
J. E. Paulin, '04.
C. M. Remsen, '04.
C. A. Rhodes, '07.
W. F. Shallenberger, '07.
W. W. Young, '13.
E. B. Wood, '14.

Augusta, ... 3

W. D. Cutter, '05.
W. C. Kellogg, '00.
R. L. Rhodes, '10.

Macon, ... 1

M. D. Council, '11.

Savannah, ... 5

V. H. Bassett, '03.
W. R. Dancy, '00.
L. Howard, '13.
M. Weinberg, '10.
W. S. Wilson, '04.

Ft. Screver, ... 1

E. R. Gentry, '09.

Thomson, ... 1

B. F. Riley, '03.

Hawaii:

Haiku, ... 1

W. B. Baldwin, '01.

Honolulu, ... 1

G. A. Batten, '14.

Schofield Barracks, ... 1

H. D. Bloombergh, '01.

Idaho:

Nampa, ... 1

C. E. Watson, '10.

Illinois:

Chicago, ... 10
R. B. Bettman, '14.
H. F. Helmholtz, '06.
L. L. Iseman, '06.
P. Kyes, '00.
M. J. Rubel, '01.
O. T. Schultz, '03.
R. R. Spencer, '13.
P. M. Stetler, '13.
S. Strouse, '06.
M. H. Swan, '15.

Evanston, ... 2
P. O. Owsley, '99.
G. R. Henry (Dick), '07.

Havana, ... 1
C. H. Stubenrauch, '07.

Jacksonville, ... 1
E. G. Dewey, '03.

Kankakee, ... 1
C. Ricksher, '05.

Mattoon, ... 1
W. G. Wallace, '09.

Monmouth, ... 1
J. L. Sherrick, '14.

Pecria, ... 1
J. H. Bacon, '04.

Urbana, ... 1
J. H. Beard, '12.

Indiana:

Anderson, ... 1
T. M. Jones, '02.

Evansville, ... 1
H. W. Little, '00.

Fort Wayne, ... 3
B. A. Barlow, '16.
B. M. Edlavitch, '10.
H. M. Senseny, '10.

Indianapolis, ... 7
H. L. Conner, '10.
C. P. Emerson, '99.
W. D. Gatch, '07.
E. B. Mumford, '05.
J. V. Reed, '04.
A. L. Walters, '12.
J. K. Worthington, '08.

Linton, ... 1
A. A. Thomas, '08.

Iowa:

Cedar Rapids, ... 1
J. Crawford, '09.

Cresco, ... 1
H. B. Gardner, '14.

Davenport, ... 1
J. T. Haller, '05.

Independence, ... 1
J. C. Shellito, '15.

Iowa City, ... 2
A. H. Beifeld, '07.
W. B. McClure, '12.

Mt. Vernon, ... 1
F. F. Ebersole, '06.

Kansas:

Arkansas City, ... 1
M. Hahn, '07.

Independence, ... 1
R. Hopkins, '03.

Lawrence, ... 1
J. Sundwall, '12.

Rosedale, ... 1
R. H. Major, '10.

Kentucky:

Harrodsburg, ... 1
C. B. Van Arsdall, '02.

Lexington, ... 4
W. H. Hawkins, '11.
J. D. Hunt, '06.
W. D. Reddish, '13.
W. S. Wyatt, '09.

Louisville, ... 4
L. K. Baldauf, '05.
J. V. Bedinger, '11.
M. Flexner, '14.
E. O. Grant, '11.

Shelbyville, ... 1
A. C. Weakley, '12.

Louisiana:

New Orleans, ... 1
C. C. Cody, '10.

Maine:

Bangor, ... 2

L. Adams, '11.
B. Hunt, '11.

Foxcroft, ... 1

C. C. Hall, Jr., '10.

Portland, ... 2

W. B. Moulton, '03.
P. P. Thompson, '06.

Maryland:

Annapolis, ... 3

J. A. Bass, '09.
B. B. Browne, Jr., '02.
D. C. Walton, '09.

Baltimore, ...225

R. T. Abercrombie, '05.
W. W. Anderson, '16.
C. R. Austrian, '09.
W. S. Baer, '98.
F. H. Baetjer, '01.
W. A. Baetjer, '09.
J. C. Baldwin, '15.
I. C. Barclay, '16.
E. I. Bartlett, '12.
M. D. Batchelor, '15.
R. P. Batchelor, '15.
S. Bayne-Jones, '14.
H. C. Bean, '16.
L. C. Bean, '15.
E. B. Beasley, '06.
M. Belt, '14.
J. M. Bergland, '04.
B. M. Bernheim, '05.
A. L. Bloomfield, '11.
T. R. Boggs, '01.
E. S. duBray, '14.
E. W. Bridgman, '12.
T. R. Brown, '97.
N. H. Brush, '14.
H. W. Buckler, '99.
H. H. Bullard, '16.
W. C. Burket, '15.
C. F. Burnam, '00.
J. E. Burns, Jr., '08.
M. T. Burrows, '09.
C. M. Byrnes, '06.
D. W. Carter, Jr., '14.
D. B. Casler, '04.
H. L. Cecil, '13.
B. S. Chaffee, '12.
T. R. Chambers, '10.
J. A. Chatard, '03.
P. W. Christman, '16.
A. H. Clark, '15.
M. Clark (Clough), '14.
S. W. Clausen, '15.
P. W. Clough, '07.
J. Cohen, '12.
H. T. Collenberg, '10.
J. Collinson, '11.
J. A. C. Colston, '11
H. B. Conrad, '16.
E. V. Coolahan, '08.
S. J. Crowe, '08.
R. S. Cunningham, '15.
W. E. Dandy, '10.
D. Davis, '13.
D. M. Davis, '11.
E. G. Davis, '12.
J. S. Davis, '99.
A. B. Dayton, '15.
S. A. Dodds, '05.
G. C. Dohme, '02.
H. B. Dornblaser, '14.
W. C. Duffy, '14.
G. R. Dunn, '14.
J. P. Eidson, '16.
D. F. Elmendorf, '15.
J. A. Etheridge, '16.
F. A. Evans, '14.
R. E. Fairbank, '16.
R. Fayerweather, '03.
L. D. Felton, '16.
W. P. Finney, Jr., '16.
J. S. Fischer, '03.
W. A. Fisher, '00.
R. H. Follis, '99.
W. W. Ford, '98.
H. Fried, '11.
W. A. Frontz, '11.
R. G. Fuller, '16.
H. C. F. Gill, '16.
J. T. Geraghty, '03.
E. Goetsch, '09.
H. S. Greenbaum, '04.
E. G. Grey, '11.
C. G. Guthrie, '07.
R. F. Hain, '14.
R. W. Hall, '12.
L. P. Hamburger, '97.
L. V. Hamman, '01.
H. H. Hampton, '14.
W. M. Happ, '15.
C. M. Harmon, '16.
J. W. Harris, '16.
G. A. Harrop, Jr., '16.
F. Hazlehurst, '07.
G. J. Heuer, '07.
L. K. Hirshberg, '02.
M. A. Hodge, '14.
J. B. Holmes, '12.
W. R. Holmes, '13.
D. R. Hooker, '05.
J. M. Hundley, '16.
G. L. Hunner, '97.
A. F. Hutchins, '13.
E. H. Hutchins, '06.
S. V. Irwin, '15.
W. D. Jack, '14.
C. C. W. Judd, '11.
A. Keidel, '03.
N. M. Keith, '11.
C. C. Kelly, '14.
L. W. Ketron, '11.
R. F. Kieffer, '13.
J. H. King, '06.
J. T. King, Jr., '14.
J. H. M. Knox, '98.
A. K. Krause, '07.
L. B. Lange, '11.

C. A. Laubach, '13.
S. P. Law (McGlannan), '07.
J. S. Lawrence, '16.
M. Lazenby, '03.
J. G. Long, '16.
I. K. Lovett, '16.
E. J. Leopold, '05.
R. L. Levy, '13.
W. H. Lewis, '00.
J. A. Luetscher, '99.
J. C. Lyman, '13.
L. K. McCafferty, '16.
C. L. McCarthy, '16.
P. F. McGuire, '16.
D. I. Macht, '06.
H. P. Makel, '15.
W. B. Martin, '16.
V. R. Mason, '15.
K. F. Maxcy, '15.
R. W. B. Mayo, '08.
W. L. Millea, '12.
M. K. Miller, '16.
S. R. Miller, '10.
L. D. Minsk, '13.
J. E. Moore, '16.
R. E. Mosiman, '14.
J. G. Murray, Jr., '15.
H. H. Musser, '15.
W. Neill, Jr., '12.
G. C. Ney, '08.
F. K. Nichols, '10.
J. A. O'Donnell, '11.
O. B. Pancoast, '97.
I. R. Pels, '06.
C. A. Penrose, '97.
E. L. Pessagno, '07.
A. Pfitsch, '16.
M. C. Pincoffs, '12.
E. D. Plass, '11.
J. H. Pleasants, '99.
F. G. Porter, '08.
G. F. Powers, '13.
G. H. Preston, '15.
C. B. Pritchett, '16.
S. O. Reese, Jr., 16.
H. W. Reid, '16.
F. O. W. Reinhard, '14.
L. Reynolds, '16.
M. R. Reid, '12.
M. S. Rhode, '12.
E. L. Richards, '15.
E. H. Richardson, '05.
T. M. Rivers, '15.
A. Robinson, '14.
S. Rosenheim, '99.
G. W. Rosenthal, '15.
A. S. Rothholz, '15.
L. L. Rothschild, '15.
F. E. Roberts, '16.
F. R. Sabin, '00.
E. P. Sandrock, '07.
H. C. Schmeisser, '12.
A. R. Scott, '13.
R. B. Seem, '06.
R. O. Sellman, '12.
C. E. Sevier, '16.
J. A. Sevier, '16.
H. N. Shaw, '13.
R. L. Silvester, '14.
W. R. Sisson, '12.
W. K. Skilling, '11.
H. R. Slack, Jr., '12.
D. C. W. Smith 2d, '15.
D. G. Smith, '16.
W. H. Smith, '03.
L. C. Spencer, '11.
T. P. Sprunt, '09.
T. Starr, '12.
G. A. Stewart, '11.
H. B. Stone, '06.
D. C. Streett, '12.
E. R. Strobel, '99.
A. C. Sutton, '16.
T. L. Sutton, '16.
V. P. W. Sydenstricker, '15.
G. L. Taneyhill, Jr., '04.
W. C. Thomas, '15.
C. B. Thompson, '13.
M. H. Todd, '13.
C. B. Towles, '05.
D. V. Trueblood, '15.
A. J. Underhill, '01.
C. W. Vest, '08.
C. L. Warner, '15.
S. H. Watkins, '13.
E. M. Watson, '13.
H. Watson (Winternitz), '10.
L. H. Weed, '12.
T. Wheeler (Finney), '16.
G. H. White, Jr., '06.
L. R. Wharton, '15.
J. Scott Willock, '04.
H. E. Wilson, '14.
M. C. Winternitz, '07.
G. B. Wislocki, '16.
S. Wolman, '06.
G. B. Wolff, '12.
G. H. Woltereck, '09.
H. M. N. Wynne, '14.

Cumberland, ... 2
W. R. Frantz, '12.
J. H. Wilson, '08.

Hagerstown, ... 1
P. Wroth, '06.

Manchester, ... 1
W. R. S. Denner, '08.

Princess Anne, ... 1
H. M. Lankford, '05.

Salisbury, ... 1
A. M. Stevens, '11.

Sanitorium, ... 1
V. F. Cullen, '06.

Sparrows Point, ... 1
C. G. Merriman, '11.

Massachusetts:

Arlington, ... 1
H. R. Webb, '06.

Boston, ... 30

A. W. Allen, '13.
L. H. Burlingham, '06.
H. A. Christian, '00.
L. N. Fleming, '14.
E. W. Goodpasture, '12.
J. F. Grant, '03.
E. Hale (Swift), '05.
G. W. Hall, '01.
G. Horrax, '13.
H. T. Hutchins, '03.
C. Jacobson, '11.
E. R. Kelley, '06.
A. L. Kinne, '16.
H. F. Lena, '16.
H. W. Marshall, '04.
M. E. Morse, '03.
H. G. Myrick, '00.
J. H. Pratt, '98.
E. M. Rockwood, '14.
S. Rushmore, '02.
A. G. Schnack, '15.
A. W. Sellards, '09.
J. K. Stoddard, '16.
R. P. Strong, '97.
H. M. Thomas, Jr., '16.
F. H. Verhoeff, '99.
C. B. Walker, '11.
I. C. Walker, '09.
F. S. Woo, '15.
E. L. Zimmerman, '16.

Cambridge, ... 1

M. F. Austin (Southard), '00

Fall River, ... 2

E. S. Chace (Herbert), '01.
M. W. Marvel, '00.

Greenfield, ... 1

W. K. Clarke, '08.

Marblehead, ... 1

J. H. Prouty, '11.

New Bedford, ... 1

G. Marsden, '06.

Salem, ... 1

E. K. Burbeck, '07.

Waltham, ... 1

O. L. Dascombe, '05.

Worcester, ... 1

J. J. Morton, '13.

Weston, ... 1

A. M. Ballou (Eliot), '05.

Michigan:

Ann Arbor, ... 3

N. B. Foster, '02.
C. D. Partridge, '07.
U. J. Wile, '07.

Benton Harbor, ... 1

W. P. Morrill, '08.

Detroit, ... 18

J. R. Carr, '04.
G. L. Connor, '01.
R. Connor, '01.
N. S. Ferry, '02.
R. L. Haden, '15.
F. H. Haessler, '16.
J. H. Hathaway, '01.
F. A. Martin, '14.
R. D. McClure, '08.
D. R. Murchison, '16.
C. R. Meloy, '06.
J. K. Ormond, '14.
H. W. Plaggemeyer, '07.
B. R. Schenck, '98.
F. J. Sladen, '06.
F. J. Smith, '13.
H. N. Torrey, '06.
C. H. Watt, '12.

Grand Rapids, ... 1

J. S. Brotherhood, '08.

Kalamazoo, ... 1

B. N. Epler, '99.

Pontiac, ... 1

A. P. Harrison, '07.

Saginaw, ... 1

R. O. Fuerbringer, '08.

Minnesota:

Duluth, ... 2

A. L. McDonald, '05.
J. A. Winter, '06.

Elysian, ... 1

R. T. Edwards, '04.

Fergus Falls, ... 1

K. J. Lee, '04.

Hibbing, ... 1

C. F. Carstens, '08.

Minneapolis, ... 16

P. Blanco, '16.
D. F. Cameron, '13.
H. W. Cook, '02.
F. C. Davis, '99.
W. A. Fansler, '14.
F. Grave, '14.
W. E. Grempler, '16.
A. D. Hirschfelder, '03.
A. W. Morrison, '10.
M. P. Simis (Ulrich), '01.
T. B. Smith, '16.
C. N. Spratt, '01.
J. R. Turner, Jr., '13.

H. L. Ulrich, '01.
F. W. Wittich, '13.
C. B. Wright, '02.

Rochester, ... 7
J. L. Butsch, '12.
E. L. Crispin, '06.
W. M. Fricke, '12.
H. Z. Giffin, '04.
W. C. MacCarty, '04.
J. R. McVay, '15.
L. H. Redelings, '14.

St. Paul, ... 3
C. H. Pelton, '12.
D. M. Shewbrooks, '15.
H. M. Slater, '15.

Missouri:

Columbia, ... 2
E. R. Clark, '07.
D. H. Dolley, '02.

Jefferson Barracks, ... 1
C. W. Riley, '07.

Kansas City, ... 5
C. H. Bryant, '08.
W. W. Duke, '08.
T. G. Orr, '10.
E. H. Schorer, '06.
H. F. Vanorden, '10.

Lexington, ... 1
J. Aull, '15.

St. Joseph, ... 1
C. A. Potter, '11.

St. Louis, ... 25
F. M. Barnes, Jr., '07.
E. Boehm, '10.
B. Brooks, '11.
W. M. C. Bryant, '02.
J. R. Caulk, '06.
F. I. Darrow, '16.
G. S. Drake, '01.
J. Erlanger, '99.
A. O. Fisher, '09.
R. F. Fisher, '12.
M. A. Frankenthal, '02.
H. S. Gasser, '15.
H. H. Hagan, '13.
G. Ives, '11.
P. C. Jeans, '09.
D. W. Luten, '11.
H. McCulloch, '12.
W. H. Olmstead, '13.
E. L. Opie, '97.
L. T. Post, '13.
M. H. Post, Jr., '12.
G. C. Robinson, '03.
E. Sachs, '04.
J. C. Salter, '01.
H. J. Storrs, '04.

Montana:

Butte, ... 2
A. Karsted, '02.
C. McGill, '14.

Great Falls, ... 1
W. S. Bole, '10.

Nebraska:

Hastings, ... 1
J. R. Blackman, '06.

Lincoln, ... 1
A. E. Johann, '10.

Omaha, ... 3
H. L. Connett, '09.
M. Emmert, '09.
M. Langfield, '98.

New Hampshire:

Exeter, ... 1
R. S. Perkins, '11.

New Jersey:

Atlantic City, ... 1
C. L. Andrews, '12.

East Orange, ... 3
C. T. Brown, '07.
T. W. Harvey, '09.
E. N. Riggins, '02.

Franklin, ... 1
F. P. Wilbur, '06.

Montclair, ... 1
J. A. Caldwell, '04.

Newark, ... 1
E. B. Wix, '15.

Passaic, ... 1
J. J. S. Schmidt, '14.

Princeton, ... 1
J. S. Vanneman, '14.

Somerville, ... 1
R. F. Hegeman, '10.

Trenton, ... 1
C. B. Farrar, '00.

New Mexico:

Columbus, ... 1
T. Lamson, '01.

New York:

Albany, ... 7
J. M. Berry, '01.
A. W. Elting, '98.
L. W. Gorham, '10.
C. F. Graham, '13.
F. M. Meader, '09.
J. A. Sampson, '99.
C. K. Winne, '01.

Auburn, ... 2
H. I. Davenport, '05.
C. D. Reid, '12.

Binghamton, ... 2
A. S. Chittenden, '00.
M. J. Ross, '07.

Boonville, ... 1
F. H. Church, '06.

Brooklyn, ... 17
W. S. Bennett, '11.
J. B. Boehm, '14.
G. E. Brockway, '11.
S. G. Clark, '16.
J. B. Duncan, '14.
J. T. Flanagan, '08.
W. L. Gills, '12.
W. M. Gober, '15.
I. P. Heymann, '13.
R. Ingraham, '14.
L. A. Lynch, '03.
W. H. Maddren, '01.
J. F. Morrison, '04.
C. E. Rynd, '11.
P. B. Sarason, '12.
B. T. Terry, '04.
B. E. Wolfort, '06.

Buffalo, ... 10
H. Adsit, '06.
A. H. Clark, '03.
W. H. Glenny, '02.
F. C. Goldsborough, '03.
C. C. Kelly, '14.
J. S. Lewis, '06.
I. P. Lyon, '97.
B. Mann, '09.
J. S. McFarland, '02.
W. L. Moss, '05.

Clifton Springs, ... 2
S. T. Nicholson, '10.
C. W. Webb, '09.

Cortland, ... 1
R. P. Higgins, '05.

Eastwood, ... 1
R. H. Dunning, '11.

Ellis Island, ... 1
C. Armstrong, '15.

Flushing (L. I.),..... 1
C. Meltzer (Auer), '00.

Fort Hamilton, ... 1
J. R. Bosley, '01.

Glens Falls, ... 1
M. L. Haviland, '02.

Ithaca, ... 1
O. E. Utzinger, '14.

Kingston, ... 1
R. Sanderson, '10.

Liberty, ... 1
H. B. Neagle, '03.

Loomis, ... 1
C. W. Mills, '08.

Long Island City, ... 1
S. A. Marshall, '02.

Mt. Vernon, ... 1
N. Mills, '12.

New Brighton, ... 1
C. R. Kingsley, '09.

New Rochelle, ... 1
O. H. Schell, '04.

New York, ...101
F. E. Adair, '15.
E. M. Armstrong, '10.
D. W. Atchley, '15.
J. Auer, '02.
F. W. Bancroft, '06.
H. E. Bates, '15.
L. deK. Belden, '15.
P. M. Bogart (Van Voast), '06.
W. H. Brown, '07.
R. M. Bruns, '02.
F. D. Bullock, '07.
H. W. Cave, '13.
A. M. Chesney, '12.
F. Christopher, '15.
R. I. Cole, '99.
R. J. Cook, '13.
T. K. Davis, '13.
B. J. Delatour, '15.
B. S. Denzer, '10.
T. A. Devan, '10.
A. R. Dochez, '07.
R. M. Dodson, '14.
A. G. Fechtig, '14.
O. C. Foote, '12.
F. L. Gates, '13.
H. L. Gray, '06.
E. M. Girdwood (Peirce), '07.
R. C. Hall, '14.
D. H. Hallock, '16.

T. W. Hastings, '98.
W. C. Haupt, '14.
W. P. Healy, '00.
V. O. Heddens, '15.
T. J. Heldt, '16.
R. W. Hellenbrand, '07.
E. S. Hellweg, '07.
J. Hemenway (Kenyon), '04
M. C. Hill, '08.
J. M. Hitzrot, '01.
R. C. Hood, '16.
J. G. Hopkins, '07.
A. Hubert, '11.
J. H. Huddleson, '13.
M. Jenks, '16.
N. B. Jenison, '11.
W. F. Jones, '14.
B. S. Kline, '11.
W. M. Kraus, '13.
V. N. Leonard, '11.
G. U. Light, '98.
A. L. Lincoln, '16.
E. E. Lindemann, '08.
H. D. Long, '03.
W. T. Longcope, '01.
W. G. Lough, '12.
O. S. Lowsley, '12.
E. H. Maas, '16.
W. G. MacCallum, '97.
J. T. MacCurdy, '11.
N. C. Marvel, '14.
D. R. Melen, '15.
D. E. Monroe, '10.
H. S. Morgan, '15.
A. P. Munn (Recht), '13.
J. B. Murphy, '09.
L. Pearce, '12.
T. C. Peightal, '15.
G. Peirce, '07.
S. I. Rainforth, '03.
G. K. Rhodes, '15.
F. P. Rous, '05.
A. Rucker, '11.
H. Saltzstein, '14.
O. M. Schloss, '05.
R. L. Schultz, '12.
J. F. Smith, '15.
M. B. Sponsler, '11.
A. R. Stevens, '03.
H. N. Stevenson 2d, '12.
E. Stillman, '11.
H. R. Stone, '04.
W. R. Stone, '99.
H. D. Taylor, '14.
H. C. Thacher, '06.
W. H. Thalheimer, '08.
W. L. Thompson, '04.
J. C. Turner, Jr., '15.
V. R. Turner, '15.
J. M. Venable, '14.
F. C. Wagenhals, '13.
E. E. Walker, '98.
G. W. Warren, '01.
M. Warren, '00.
B. F. Weems, '13.
R. C. Webb, '14.
H. S. Whisman, '15.
I. K. Wiener, '11.
N. H. Williams, '13.
S. B. Wolff, '14.
I. Zadek, '14.
J. L. Zimmerman, '13.

Ogdensburg, ... 1
R. L. Stacy, '08.

Olean, ... 1
R. B. Morris, '10.

Otisville, ... 1
W. H. White, '07.

Port Chester, ... 1
G. Sands, '98.

Poughkeepsie, ... 1
E. C. Hill, '07.

Randall's Island, ... 1
W. B. Cornell, '03.

Rochester, ... 7
S. J. Appelbaum, '08.
J. R. Booth, '11.
W. A. Calihan, '10.
C. W. Hennington, '06.
C. L. Hincher, '07.
N. G. Orchard, '07.
H. S. Schumacher, '07.

Saranac Lake, ... 4
L. Brown, '00.
J. L. Nichols, '97.
F. B. Trudeau, '13.
B. Tappan, '15.

Syracuse, ... 5
O. H. Cobb, '06.
A. Dutcher, '01.
J. Meyer, '14.
N. P. Sears, '12.
H. S. Steensland, '99.

Troy, ... 2
H. W. Carey, '01.
H. P. Sawyer, '06.

Utica, ... 4
T. W. Clarke, '02.
J. W. W. Dimon, '09.
F. R. Ford, '05.
F. T. Owens, '07.

White Plains, ... 2
M. L. Frazee, '14.
H. W. Smith (Brown), '11.

Yonkers, ... 4
E. F. Butler, '10.
D. M. Sawyer, '11.
R. B. Scofield, '07.
W. J. Vogeler, '04.

North Carolina:

Asheville, ... 3
R. E. Flack, '13.
F. W. Griffith, '06.
L. M. Griffith, '15.

Charlotte, ... 1
A. G. Brenizer, '08.

Durham, ... 1
M. T. Adkins, '07.

Edenton, ... 1
J. S. Mitchener, '15.

Fayetteville, ... 1
A. B. Greenwood, '16.

Greensboro, ... 2
W. F. Cole, '09.
H. H. Ogburn, '13.

Greenville, ... 1
M. T. Edgerton, Jr., '12.

New Bern, ... 1
R. N. Duffy, '06.

Raleigh, ... 1
C. A. Shore, '07.

Salisbury, ... 1
H. H. Newman, '13.

Wilmington, ... 2
J. Akerman, '00.
R. B. Slocum, '05.

Winston-Salem, ... 4
E. P. Gray, '06.
R. M. Grimes, '10.
F. M. Hanes, '08.
A. deT. Valk, '10.

North Dakota:

Fargo, ... 2
K. E. Darrow, '13.
M. P. Rindlaub, '05.

Grand Forks, ... 1
L. D. Bristol, '07.

Willow City, ... 1
H. L. Youtz, '05.

Ohio:

Bucyrus, ... 1
W. G. Carlisle, '13.

Canton, ... 1
C. A. LaMont, '08.

Cincinnati, ... 8
J. C. Donaldson, '14.
W. F. Jelke, '02.
E. F. Malone, '07.
M. E. Nast (Wherry), '06.
W. O. Pauli, '07.
P. Preble, '07.
T. H. Wenning, '10.
P. G. Woolley, '00.

Cleveland, ... 26
H. S. Applebaum, '16.
M. B. Bonta, '04.
C. A. Bowers, '12.
S. Brock, '16.
C. C. Brown, '12.
R. E. Fallas, '15.
W. D. Fullerton, '11.
F. A. Glass, '12.
H. Hempstead, '05.
J. H. Hewitt, '06.
T. L. Keyser, '11.
L. W. Ladd, '99.
D. Marine, '05.
H. W. Masenhimer, '08.
R. G. Perkins, '98.
M. L. Richardson, '13.
W. B. Rogers, '10.
R. J. Shale, '12.
L. B. Sherry, '14.
H. G. Sloan, '06.
J. T. Smith, '07.
R. E. Stifel, '16.
C. W. Stone, '05.
A. Strauss, '12.
H. L. Taylor, '10.
H. R. Wahl, '12.

Columbus, ... 3
J. J. Coons, '02.
J. W. Sheetz, '10.
L. V. Zartman, '10.

Columbus Barracks, ... 1
F. Schmitter, '03.

Galion, ... 1
L. F. Huffman, '14.

Jefferson, ... 1
H. Dudley, '03.

Oxford, ... 1
H. M. Moore, '99.

Springfield, ... 1
C. L. Jones, '03.

Toledo, ... 3
L. F. Smead, '05.
C. G. Souder, '07.
A. L. Steinfeld, '01.

Youngstown, ... 1
H. C. Evans, '00.

Oklahoma:

Ardmore, ... 1
A. M. Bacon, '15.

Guthrie, ... 1
F. Y. Cronk, '07.

Oregon:

Ontario, ... 1
W. J. Weese, '11.

Portland, ... 9
T. H. Coffen, '06.
C. A. Downs, '14.
H. B. Fenton, '10.
W. H. Norton, '10.
J. F. Ortschild, '06.
A. S. Rosenfeld, '11.
J. W. Rosenfeld, '10.
L. Selling, '08.
O. B. Wight, '02.

Panama:

Panama City, ... 4
A. B. Herrick, '98.
M. Joseph, '15.
E. S. Moore (McKinney), '01.
C. M. Winn, '11.

Pennsylvania:

Altoona, ... 1
D. Williams, '02.

Archbald, ... 1
P. J. McDonnell, '08.

Bethlehem (South), ... 1
W. L. Estes, '09.

Bradford, ... 1
P. R. Straight, '06.

E. Berlin, ... 1
E. A. Miller, '12.

Erie, ... 2
B. S. Putts, '06.
T. P. Tredway, '10.

Greencastle, ... 1
T. H. Gilland, '11.

Hanover, ... 2
J. E. Meisenhelder, '02.
E. W. Stick, '09.

Harrisburg, ... 2
M. W. Emrick, '14.
R. F. L. Ridgway, '06.

Johnstown. 1
D. P. Ray, '07.

Lebanon, ... 1
G. R. Pretz, '09.

Newville, ... 1
P. W. McLaughlin, '07.

Philadelphia, ... 18
E. P. Bacon, '16.
W. H. Blakeslee, '01.
D. Child, '14.
F. C. Child, '09.
J. H. Clarke, '15.
R. L. Engle, '10.
M. I. Handy, '16.
M. Herrinton, '06.
S. D. Ludlum, '02.
B. B. V. Lyon, '07.
J. H. Mullin, '16.
H. S. Newcomer, '15.
D. B. Pfeiffer, '06.
A. Randall, '07.
F. E. Shaffer, '14.
A. W. Tallant, '02.
L. Tuttle, '07.
A. C. Woods, '14.

Pittsburgh, ... 19
M. H. Baker, '10.
T. Baker, '04.
L. C. Bixler, '03.
A. A. Bornscheuer, '13.
W. E. Carson, '07.
B. Z. Cashman, '09.
I. Davis, '14.
A. H. Eggers, '00.
C. W. W. Elkin, '13.
H. H. Hamman, '16.
C. C. Hartman, '11.
W. Marshall, '03.
R. T. Miller, '03.
W. T. Mitchell, Jr., '16.
J. S. Plumer, '14.
F. D. Reynolds, '16.
P. R. Sieber, '11.
R. R. Snowden, '11.
E. R. Wiese, '11.

Pottsville, ... 1
M. B. Kingsbury, '06.

Reading, ... 1
C. R. Essick, '09.

Royersford, ... 1
H. Graber, '07.

Washington, ... 1
W. E. Hart, '09.

Wilkes-Barre, ... 1
S. D. Wyckoff, '99.

Wilkinsburg, ... 1
J. H. Whitcraft, '10.

Williamsport, ... 1
W. F. Derr, '15.

York, ... 3
C. H. May, '08.
E. W. Meisenhelder, '02.
L. S. Weaver, '04.

Philippine Islands:

Albay, ... 1
J. L. Robinson, '08.

Manila, ... 2
P. K. Gilman, '05.
A. W. Williams, '12.

Rhode Island:

Centredale, ... 1
M. S. Packard, '97.

Providence, ... 11
H. D. Clough, '15.
C. E. Connor, '14.
F. A. Coughlan, '08.
W. W. Cummings, '16.
M. S. Danforth, '05.
O. A. Faust, '15.
F. T. Fulton, '99.
H. J. Hoye, '99.
J. A. McCann, '08.
J. H. Oppenheimer, '08.
E. A. Stone, '00.

South Carolina:

Aiken, ... 1
E. S. Cross, '06.

Columbia, ... 3
E. Cooper, '10.
J. H. Gibbes, '12.
H. M. Smith, '01.

Greenville, ... 2
R. S. Major, '16.
G. T. Tyler, Jr., '04.

Rock Hill, ... 1
R. H. Crawford, '14.

Spartanburg, ... 1
R. M. Grimm, '08.

South Dakota:

Pierre, ... 1
T. F. Riggs, '03.

Watertown, ... 1
E. DeW. Simpson, '12.

Yankton, ... 1
J. A. Wood, '12.

Tennessee:

Chatanooga, ... 1
H. Q. Fletcher, '09.

Knoxville, ... 1
W. T. de Sautelle, '11.

Memphis, ... 2
L. W. Haskell, '03.
R. E. Semmes, '10.

Nashville, ... 1
C. E. Brush, '03.

Texas:

Dallas, ... 2
W. J. Calvert, '98.
M. K. McLean, '15.

Corpus Christi, ... 1
J. D. Cohn, '11.

El Paso, ... 2
W. W. Waite, '06.
M. B. Wesson, '10.

Fort McIntosh, ... 1
T. L. Ferenbaugh, '09.

Fort Sam Houston, ... 1
C. D. Cowles, '05.

Fort Worth, ... 3
F. C. Beall, '06.
K. H. Beall, '05.
J. H. Sewell, '14.

Gainesville, ... 1
E. L. Gilcreest, '10.

Galveston, ... 1
H. L. McNeil, '11.

Memphis, ... 1
W. Wilson, '04.

Palacois, ... 1
H. H. Loos, '12.

San Antonio, ... 3
W. E. Nesbit, '13.
P. I. Nixon, '09.
F. L. Paschal, '13.

Utah:

Salt Lake City, ... 2
H. Jeidell, '12.
A. J. Ridges, '08.

Vermont:

St. Johnsbury, ... 1
W. G. Ricker, '04.

Virginia:

Abingdon, ... 1
G. V. Litchfield, '02.

Charlottesville, ... 3
R. B. Bean, '04.
H. T. Marshall, '98.
S. H. Watts, '01.

Fairfax, ... 1
H. Fletcher, '00.

Fredericksburg, ... 1
H. Brülle, '00.

Gloucester, ... 1
L. E. Stubbs, '14.

Hopewell, ... 1
E. L. Morgan, '11.

Norfolk, ... 4
G. E. Chinn, '03.
J. M. Love, '04.
W. B. Newcomb, '10.
L. H. Williams, '15.

Olney, ... 1
W. F. Kellam, '06.

Richmond, ... 7
S. W. Budd, '09.
W. H. Higgins, '08.
W. S. Keister, '14.
R. S. Preston, '08.
M. P. Rucker, '03.
D. Vanderhoof, '05.
J. E. Warinner, Jr., '16.

Roanoke, ... 7
H. B. Disbrow, '16.
H. J. Hagan, '14.
B. E. Harrell, '14.
E. M. Hicks, Jr., '16.
G. B. Lawson, '05.
H. R. McAllister, '12.
J. S. Speed, '16.

Salem, ... 1
G. A. L. Kolmer, '13.

Washington:

Anacortes, ... 1
A. Shaw, '13.

Burlington, ... 1
L. S. Trask, '13.

Garfield, ... 1
G. M. MacGregor, '02.

Lakeview, ... 1
R. J. Cary, '12.

Seattle, ... 6
C. F. Davidson, '07.
H. J. Davidson, '05.
I. B. Green, '07.
H. J. Knott, '11.
A. F. Mattice, '10.
M. Seagrave, '11.

Spokane, ... 1
H. H. Robinson, '10.

West Virginia:

Fairmont, ... 1
C. M. Ramage, '10.

Huntington, ... 1
W. R. Hudson, '11.

Martinsburg, ... 1
N. M. Canter, '13.

Morgantown, ... 1
J. N. Simpson, '02.

Parkersburg, ... 1
R. G. Werner, '15.

Wheeling, ... 1
R. U. Drinkard, '08.

Wisconsin:

Beloit, ... 1
E. B. Brown, '06.

Berlin, ... 1
A. J. Wiesender, '09.

Eau Claire, ... 1
H. F. Derge, '08.

Green Bay, ... 1
W. E. Leaper, '11.

Madison, ... 8
C. R. Bardeen, '97.
C. H. Bunting, '01.
P. M. Dawson, '98.
J. A. E. Eyster, '05.
A. S. Loevenhart, '03.
N. O. Nelson, '04.
D. M. Reed (Mendenhall), '00.
C. M. Swett (Bunting), '01.

Marshfield, ... 1
W. G. Sexton, '11.

Menomine, ... 1
A. Egdahl, '04.

Milwaukee, ... 11
C. A. Baer, '05.
P. H. Dernehl, '07.
F. J. Gaenslen, '03.
W. E. Grove, '08.
C. F. Hardy, '02.
A. C. Kissling, '11.
W. L. LeCron, '08.
J. D. Madison, '98.
L. M. Warfield, '01.
R. G. Washburn, '04.
J. L. Yates, '99.

FOREIGN.

Africa (Central West):

Batanga, ... 1
L. E. Smith, '15.

Arabia:

Kuwait, ... 1
P. W. Harrison, '08.

Austria:

Vienna, ... 1
M. S. Haynes (Leick), '02.

British West Indies:

Grenada, ... 1
H. S. Colwell, '14.

Canada:

Montreal, ... 5
R. J. Erickson, '16.
W. W. Francis, '02.
R. A. Morison, '15.
L. J. Rhea, '05.
D. N. Richards, '15.

Ymir, B. C., ... 1
G. E. Rehberger, '05.

China:

Changsha, ... 2
J. R. B. Branch, '08.
E. H. Hume, '01.

Chefoo, ... 1
R. W. Dunlap. '07.

Fenchow, ... 1
P. T. Watson, '07.

Haichow, ... 2
R. Bennett (Morgan), '04.
L. S. Morgan, '04.

Hwai Yuen, ... 1
A. G. Murdoch, '06.

Kiangyin, ... 1
F. R. Crawford, '11.

Nanking, ... 1
P. S. Evans, '99.

Peking, ... 3
A. E. Lee, '06.
K. Porter, '98.
C. W. Young, '03.

Shanghai, ... 1
H. S. Houghton, '05.

Swatow, ... 1
S. M. Grier (Lesher), '05.

Tsinan-fu, ... 1
T. Stearns, '12.

England:

London, ... 1
E. Bronson, '13.

France:

Compiègne, ... 1
J. E. Stowers, '13.

Germany:

Berlin, ... 3
R. B. Bettman, '14.
J. P. Webster, '14.
J. M. West, '01.

Freiburg, ... 1
R. D. Moyle, '14.

Haiti 1
W. H. Michael, '13.

India:

Guntur, ... 1
E. B. Wolf, '12.

Wai, ... 1
R. Fairbank (Beals), '00.

Persia:

Dautababad, ... 1
M. D. Allen (Zoeckler), '10.

Tabriz, ... 1
M. R. Fleming, '12.

Siam:

Chiengmai, ... 1
E. C. Cort, '07.

Scotland:

Edinburgh, ... 1
R. Crawford, '15.

Glasgow, ... 1
M. Putnam, '15.

Europe, ... 1
E. F. Ducasse, '14.

PUBLICATIONS OF INSTRUCTORS AND GRADUATES OF THE JOHNS HOPKINS MEDICAL SCHOOL FOR THE YEAR 1915-1916

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CATALOGUE AND ANNOUNCEMENT FOR 1917-1918

OF THE

MEDICAL DEPARTMENT

ESTABLISHED IN CONNECTION WITH THE JOHNS HOPKINS HOSPITAL

GEORGE J. COY, Editor

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MEDICAL DEPARTMENT

Established in connection with the Johns Hopkins Hospital

CATALOGUE AND ANNOUNCEMENT FOR 1917-1918

(Corrected to October 31, 1917)

BALTIMORE
THE JOHNS HOPKINS PRESS
1917

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1917.

October 2 (Tuesday)—Instruction begins. Twenty-fifth academic year.

November 29 (Thursday)—Thanksgiving Day. All classes suspended.

December 3 (Monday)—Instruction resumed.

December 22 (Saturday)—The Christmas recess begins. (9 a. m.)

1918.

January 3 (Thursday)—Instruction resumed.

February 22 (Friday)—Commemoration Day. Public exercises at 11 a. m. All classes suspended.

March 28 (Thursday)—The Easter recess begins.

April 4 (Thursday)—Instruction resumed.

May 1 (Wednesday)—Last day of application for Hopkins Scholarships for Maryland, North Carolina and Virginia.

June 11 (Tuesday)—Commencement Day. Public exercises at 4 p. m.

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October 1 (Tuesday)—Instruction resumed. Twenty-sixth academic year.

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1201 Eutaw Place

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500 Hawthorne Road

THEODORE CALDWELL JANEWAY, M. D., Sc. D.

Professor of Medicine

Ph. B., Yale University, 1892, and A. M. (Hon.), 1912; M. D., Columbia University, 1895; and Bard Professor of the Practice of Medicine, 1909-14; Sc. D. (Hon.), Washington University, 1915; Visiting Physician, City Hospital, N. Y., 1902-1911; Visiting Physician, St. Luke's Hospital, 1905-1911; Visiting Physician, Presbyterian Hospital, 1911-1914; Member of Board of Directors, Rockefeller Institute for Medical Research; Secretary, Russell Sage Institute of Pathology; Member of Editorial Board of Archives of Internal Medicine; Major, Medical Officers' Reserve Corps; Member, General Medical Board of the Council of National Defense; *Physician-in-Chief, Johns Hopkins Hospital.*

714 St. Paul St.

WILLIAM GEORGE MAC CALLUM, M. D.

Baxley Professor of Pathology

A. B., University of Toronto, 1894; M. D., Johns Hopkins University, 1897; Resident House Officer, Resident Bacteriologist and Assistant Resident and Resident Pathologist, 1897-1909; Associate Professor of Pathology, 1900-08; Professor of Pathological Physiology and Lecturer in Forensic Medicine, 1908-1909; Visiting Pathologist, Presbyterian Hospital and Professor of Pathology, Columbia University, 1908-1917; *Pathologist-in-Chief, Johns Hopkins Hospital.*

615 St. Paul St.

** This department is not yet organized upon the full University basis.

FLORENCE RENA SABIN, M. D., Sc. D.

Professor of Histology

S. B., Smith College, 1893, Sc. D., 1910, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor, Associate and Associate Professor of Anatomy, 1902-1917; Resident House Officer, 1900-1901; Holder of Woman's Fellowship in Anatomy, 1901-1902; *Co-editor of The Anatomical Record.*

1325 Park Av.

WILLIAM OSLER, M. D., LL. D., D. C. L., F. R. S.

Honorary Professor of the Principles and Practice of Medicine

M. D., McGill University, 1872; LL. D., McGill, 1895, Aberdeen, 1898, Toronto, 1899, Yale, 1901, Harvard, 1904, Johns Hopkins, 1905; D. C. L., Edinburgh, 1898, Trinity (Toronto), 1902; M. D. (Hon.), Oxford, 1905; D. Sc., Dublin, 1912; Fellow of the Royal Society of London; Fellow of the Royal College of Physicians, London; Professor of the Institutes of Medicine, McGill University, 1874-84; Professor of Clinical Medicine, University of Pennsylvania, 1884-89; Dean of the Medical Faculty, 1898-99; Professor of the Principles and Practice of Medicine, 1889-1905; Physician-in-Chief, the Johns Hopkins Hospital, 1889-1905; Regius Professor of Medicine, University of Oxford.

Oxford, England

HENRY MILLS HURD, M. D., LL. D.

Professor Emeritus of Psychiatry

A. B., University of Michigan, 1863, M. D., 1866, A. M., 1870, and LL. D., 1895; Professor of Psychiatry, Johns Hopkins University, 1889-1906; Superintendent of the Eastern Michigan Hospital, 1878-89; Superintendent of the Johns Hopkins Hospital, 1889-1911; Editor of the Johns Hopkins Hospital Bulletin and of the Johns Hopkins Hospital Reports, 1889-1911; Editor of the American Journal of Insanity; *Secretary, Board of Trustees of the Johns Hopkins Hospital.*

1023 St. Paul St.

ASSOCIATE PROFESSORS

MAX BROEDEL

Associate Professor of Art as Applied to Medicine

Academy of Arts, Leipzig, 1885-90; Illustrator, University of Leipzig, 1890-1894; Instructor in Art as Applied to Medicine, Johns Hopkins University, 1905-1906.

320 Suffolk St., Guilford

DONALD RUSSELL HOOKER, M. D.

Associate Professor of Physiology

A. B., Yale University, 1899, M. S., 1901; M. D., Johns Hopkins University, 1905; Graduate Student, University of Berlin, 1905-1906; Assistant, Instructor and Associate in Physiology, 1906-1910; *Managing Editor, American Journal of Physiology.*

Upland, Roland Park

CHARLES DAVID SNYDER, Ph. D.

Associate Professor of Physiology

A. B., Leland Stanford, Jr. University, 1896; M. S., and Ph. D., University of California, 1904 and 1905; Holder of Columbia University Table at Zoölogical Station, Naples, 1906; Medical Student, Universities of Berlin and München, 1906-1908; Fellow, Instructor and Associate in Physiology, Johns Hopkins University, 1907-1911.

730 Wyndhurst Ave., Roland Pk.

EDWARDS A. PARK, M. D.

Associate Professor of Pediatrics

A. B., Yale, 1900, and M. D., College of Physicians and Surgeons (N. Y.), 1905; Resident Physician, Roosevelt Hospital, 1905-07, and New York Foundling Hospital, 1907-08; Instructor in Medicine and Pediatrics, and Proudfit Fellow in Medicine, College of Physicians and Surgeons (N. Y.), 1909-12; *Associate Pediatrician, Johns Hopkins Hospital.*

1529 Bolton St.

CHARLES MACFIE CAMPBELL, M. D.

Associate Professor of Psychiatry

A. M., University of Edinburgh, 1897, and B. Sc., 1900, M. B. Ch. B., 1902, and M. D., 1911; Member of Royal College of Physicians of Edinburgh, 1908; Associate in Clinical Psychiatry, Psychiatric Institute, New York, 1908-1911; Instructor in Psychopathology, Cornell University Medical School, 1910-1913; First Assistant in Bloomingdale Hospital, New York, 1911-13; *Associate Psychiatrist, Johns Hopkins Hospital.*

21 Talbot Rd., Windsor Hills

HERMAN O. MOSENTHAL, M. D.

Associate Professor of Medicine

A. B., Columbia College, 1899; M. D., Columbia University, 1903; Interne, New York Hospital, 1904-1906; Interne, New York Foundling Hospital, 1906-07; Assistant Instructor, Associate in Biological Chemistry, Columbia University, 1909-1914; Assistant, Instructor and Associate in Medicine, *ibid.*, 1910-1914; *Associate Physician, Johns Hopkins Hospital.*

1501 Mt. Royal Av.

PAUL WISWALL CLOUGH, M. D.

Associate Professor of Medicine

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Assistant, Instructor and Associate in Medicine, 1908-1916; Resident House Officer, Assistant Resident and Resident Physician and Medical Adviser to Students, 1907-1916; *Associate Physician, Johns Hopkins Hospital.*

416 Bretton Place, Guilford

CLYDE GRAEME GUTHRIE, M. D.

Associate Professor of Medicine

A. B., Lafayette College, 1903; M. D., Johns Hopkins University, 1907; Assistant, Instructor and Associate in Medicine, 1908-1916; Resident House Officer and Resident Physician in charge of Private Wards, 1907-1916; *Associate Physician, J. H. H., in charge of Clinical Laboratory.*

16 E. Biddle St.

GEORGE JULIUS HEUER, M. D.

Associate Professor of Surgery

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Instructor and Associate in Surgery, 1912-1916; Resident House Officer, Assistant Resident and Resident Surgeon, 1907-1914; *Associate Surgeon, Johns Hopkins Hospital.*

16 E. Biddle St.

ALLEN KRAMER KRAUSE, M. D.

Associate Professor of Medicine

A. B., Brown University, 1901, and A. M., 1902; M. D., Johns Hopkins University, 1907; Assistant and Instructor in Pathology, 1907-1909; Assistant, and Assistant Director, Saranac Laboratory for Study of Tuberculosis, 1909-1916; *Managing Editor, American Review of Tuberculosis;* Instructor, Trudeau School of Tuberculosis; *Physician in charge, Phipps Tuberculosis Dispensary; Assistant Physician, J. H. H.*

3 Norwood Pl., Guilford.

ELI KENNERLY MARSHALL, Jr., Ph. D., M. D.

Associate Professor of Pharmacology

S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911, and M. D., 1917; Assistant and Associate in Physiological Chemistry, 1911-14; Associate in Pharmacology, 1914-1917.

3406 Rodman St., N. W., Washington, D. C.

LEWIS HILL WEED, M. D.

Associate Professor of Anatomy

A. B., Yale University, 1908 and M. A., 1909; M. D., Johns Hopkins University, 1912; Instructor and Associate in Anatomy, 1914-1917; in Charge of the Laboratory of Surgical Research, Harvard, 1912-1913; Arthur Tracy Cabot Fellow, Harvard, 1913-1914.

The Latrobe

DAVID WRIGHT WILSON, Ph. D.

Associate Professor of Physiological Chemistry

S. B., Grinnell College, 1910; Ph. D., Yale University, 1914; Assistant and Associate in Physiological Chemistry, 1914-1917.

LECTURERS

WILLIAM WEBBER FORD, M. D., D. P. H.

Lecturer in Hygiene and Legal Medicine

A. B., Adelbert College, 1893; M. D., Johns Hopkins University, 1898; Instructor, Associate, and Associate Professor of Bacteriology, 1904-1910; D. P. H., McGill University, 1900 and Fellow in Pathology, 1899-1901; Resident House Officer, Johns Hopkins Hospital, 1898-99; Fellow, Rockefeller Institute for Medical Research, 1901-02; Institute for Infectious Diseases, Berlin, 1901-1902, and Johns Hopkins University, 1902-1903.

1027 Cathedral St.

OMER VAN DER STRICHT, M. D.

Lecturer in Anatomy

M. D., University of Ghent (Belgium), 1888; Assistant and "chef des travaux" of Histology, Embryology and Anatomy of the University of Ghent, 1890-1899; Professor of Histology and Embryology, 1899; Correspondent of the Belgian Royal Academy of Medicine, 1907; Director of the "Archives de Biologie;" Fellow in Cytology, Western Reserve University, Cleveland, 1915-1917.

122 W Franklin St.

NATHAN WORTH BROWN, M. D.

Lecturer in Medicine

S. B., Denison University, 1900; M. D., Western Reserve University, 1903; Resident Physician, Charity Hospital, Cleveland, 1903-1905; Visiting Physician, St. Vincent's Hospital, Toledo, 1907-1909; Visiting Physician, University Hospital, Nanking, 1912-1917; Prof. of Clinical Medicine, University of Nanking Medical School, 1913-1916; *Assistant Physician, Johns Hopkins Hospital.*

223 E. 25th St.

ASSOCIATES

PAUL DUDLEY LAMSON, M. D.

Associate in Experimental Therapeutics

A. B., Harvard, 1905, and M. D., 1909; Medical House Officer, Massachusetts General Hospital, Boston, 1909-1911; Sheldon Travelling Fellowship, 1911-1913; Lecture Assistant in Pharmacology, University of Würzburg; Pharmacological Laboratory University College, London University; Assistant Resident Physician, Peter Bent Brigham Hospital, Boston, 1913-1914; Assistant in Experimental Therapeutics, 1914-1915.

Winona Apts., Park Ave. & Monument St.

EMIL GOETSCH, M. D.

Associate in Surgery

S. B., University of Chicago, 1903, and Ph. D., 1906; Fellow Assistant and Associate in Anatomy, *ibid,* 1904-1908; Research Assistant, Department of Experimental Therapeutics, *ibid,* 1908 and 1909; Assistant in Surgery, 1909-1910; Assistant Resident Surgeon, 1910-1912; Resident Surgeon, Peter Bent Brigham Hospital, and Assistant in Surgery, Harvard Medical School, Boston, 1912-1915; *Associate Surgeon, J. H. H.*

2012 Edgewood St.

DAVID MELVIN DAVIS, M. D.

Associate in Urology

S. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Interne, City Hospital, Bay View, 1911-1912; Assistant in Pathology, and Instructor in Urology, 1913-1916; *Assistant in Urology, Johns Hopkins Hospital.*

709 St. Paul St.

CHARLES AUGUST ROUILLER, Ph. D.

Associate in Pharmacology (Rockefeller Grant)

A. B., Leland Stanford Junior University, 1903; Ph. D., Johns Hopkins University, 1906; Assistant, Rockefeller Institute, 1906-1907; Assistant in Chemistry, Johns Hopkins University.

Buck's Lane, West Arlington

STANHOPE BAYNE-JONES, M. D.

Associate in Bacteriology

A. B., Yale University, 1910; Medical Student, Tulane University, 1910-1911; Summer Quarter, University of Chicago, 1911; M. D., Johns Hopkins University, 1914; Resident House Officer, 1914-1915; Rockefeller Fellow in Pathology and Assistant Resident Pathologist and Instructor in Pathology, 1915-1917.

KENNETH DANIEL BLACKFAN, M. D.

Associate in Pediatrics

M. D., Albany Medical College, 1905; Pathologist, Albany Hospital, and Bacteriologist to Bender Laboratory, Albany, N. Y., 1905-1906; Resident Pediatrician, St. Louis Children's Hospital, 1911-1912; Instructor in Pediatrics, 1912-1917; *Resident Pediatrician, J. H. H.*

1035 N. Calvert St.

ARTHUR LEONARD BLOOMFIELD, M. D.

Associate in Medicine

A. B., Johns Hopkins University, 1907, and M. D., 1911; Resident House Officer, and Assistant Resident Physician, 1911-1916; Assistant and Instructor in Medicine, 1912-1917; *Resident Physician, J. H. H., and Medical Adviser to Students.*

The Johns Hopkins Hospital

CHARLES BAGLEY, JR., M. D.

Associate in Experimental Neurology

M. D., University of Maryland, 1904.

5 W. Chase St.

ADMONT HALSEY CLARK, M. D.

Associate in Pathology

A. B., Oberlin College, 1910; M. D., Johns Hopkins University, 1915; Assistant and Instructor in Pathology, 1915-1917; Pathologist, City Hospital, Bay View; *Assistant Resident Pathologist, J. H. H.*

307 Dolphin St.

CHARLES CLIFFORD MACKLIN, M. B.

Associate in Anatomy

James H. Richardson Fellow in Anatomy, University of Toronto, 1912-1913; M. B., University of Toronto, 1914; Assistant and Instructor in Anatomy, 1914-1917.

1807 N. Caroline St.

HENRY CHRISTIAN SCHMEISSER, M. D., PH. D.

Associate in Pathology

A. B., Johns Hopkins University, 1908, and M. D., 1912; Ph. D., 1914; Fellow Assistant and Instructor in Pathology, 1912-1917.

4303 N. Charles St.

THOMAS PECK SPRUNT, M. D.

Associate in Medicine

A. B., Davidson College, 1903; M. D., Johns Hopkins University, 1909; Assistant, Instructor and Associate in Pathology, 1909-1913; Instructor in Medicine, 1913-1917; Assistant Resident Physician, 1913-1915; Resident Physician, City Hospital, Bay View, 1915-1916; Resident Physician in charge of Private Wards, 1916-1917.

1035 N. Calvert St.

INSTRUCTORS

WALTER EDWARD DANDY, M. D.

Instructor in Surgery

A. B., University of Missouri, 1907; M. D., Johns Hopkins University, 1910, and A. M., 1911; *Resident Surgeon, J. H. H.*

The Johns Hopkins Hospital

MONT ROGERS REID, M. D.

Instructor in Surgery

A. B., Roanoke College, 1908; M. D., Johns Hopkins University, 1912; *Assistant Resident Surgeon, J. H. H.*

The Johns Hopkins Hospital

EVELETH WILSON BRIDGMAN, M. D.

Instructor in Medicine

. B., Johns Hopkins University, 1908, and M. D., 1912; Resident House Officer, 1912-1913; Assistant in Medicine, 1913-1915; *Assistant Physician, J. H. H.*

1707 Park Ave.

JAMES LAWDER GAMBLE, M. D.

Instructor in Pediatrics

B., Leland Stanford, Jr., University, 1906; M. D., Harvard Medical School, 1910; House Officer, Massachusetts General Hospital, 1910-1912, and Boston Children's Hospital, 1912-1913; *Dispensary Physician, J. H. H.*

7 Northfield Pl.

SAMUEL GOLDSCHMIDT, Ph. D.

Instructor in Pathological Chemistry

B., Yale University, 1911, and Ph. D., 1914; Fellow, University of Pennsylvania, 1914-15.

CHARLES ALEXANDER WATERS, M. D.

Instructor in Roentgenology

D., University of Maryland, 1911; *Assistant Roentgenologist, J. H. H.*

1100 N. Charles St

JOHN ARCHIBALD CAMPBELL COLSTON, M. D.

Instructor in Urology

B., Yale University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer and Assistant Resident Surgeon, 1911-1914; *Assistant Urologist, J. H. H.*

1016 St. Paul St.

ROGER PUTNAM BATCHELOR, M. D.

Instructor in Surgery

A. B., University of Wisconsin, 1911; M. D., Johns Hopkins University, 1915; Assistant in Surgery, 1915-1916; *Externe in Surgery, J. H. H.*

1705 Fairmount Av.

ROBERT SIDNEY CUNNINGHAM, M. D.

Instructor in Anatomy

S. B. and A. M., Davidson College, 1911; M. D., Johns Hopkins University, 1915; Assistant in Anatomy, 1915-1916.

2012 E. 31st St.

WILLIAM ARCHIBALD FRONTZ, M. D.

Instructor in Urology

A. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer and Resident Urologist, 1911-1916; Assistant in Urology, 1915-1916; *Assistant Urologist, J. H. H.*

1119 N. Caroline St

ERNEST GEORGE GREY, M. D.

Instructor in Surgery

A. B., University of Wisconsin, 1907; Assistant in Anatomy and Student of Medicine, *ibid.*, 1907-1908; M. D., Johns Hopkins University, 1911; Resident House Officer, 1911-1912; Assistant Resident Surgeon, Peter Bent Brigham Hospital Boston, 1912-1916; *Assistant Resident Surgeon, J. H. H.*

3406 Fairview Av

ROBERT LOUIS LEVY, M. D.,

Instructor in Medicine

A. B., Yale University, 1909; M. D., Johns Hopkins University, 1913; Assistant i Medicine, 1914-1916; Resident House Officer, 1913-1914; *Assistant Resider Physician, J.H. H.*

The Johns Hopkins Hospita

GROVER FRANCIS POWERS, M. D.

Instructor in Pediatrics

S. B., Purdue University, 1908; M. D., Johns Hopkins University, 1913; Reside House Officer, Assistant Resident Pediatrician, 1913-1916; *Pediatrician charge of Pediatric Dispensary.*

1600 Bolton S

PAUL GALPIN SHIPLEY, M. D.

Instructor in Pediatrics

M. D., Yale University, 1913; Assistant Instructor in Pediatrics; Instructor a Associate in Anatomy, Johns Hopkins University, 1913-1917; *Assistant Disp sary Pediatrician, J. H. H.*

2001 E. 31st S

MARJORIE DIETZ BATCHELOR, M. D.

Instructor in Medicine

A. B., Wellesley College, 1907; M. D., Johns Hopkins University, 1915; Assist in Medicine, 1915-1917; in charge *Dispensary Laboratory, J. H. H.*

1705 Fairmount A

JONATHAN EDWARD BURNS, Jr., M. D.

Instructor in Urology

A. B., University of Virginia, 1904; M. D., Johns Hopkins University, 1908; Interne, Union Protestant Infirmary, 1908-1909; Assistant in Urology, 1910-1917; Assistant Resident and Dispensary Urologist, 1914-1916; *Assistant in Urology, J. H. H.*

The Johns Hopkins Hospital

DAVID WENDEL CARTER, M. D.

Instructor in Medicine

A. B., Southwestern University, 1909, and A. M., 1910; M. D., Johns Hopkins University, 1914; Interne, Peter Bent Brigham Hospital, 1914-1916; *Resident Physician in Charge of Private Wards.*

The Johns Hopkins Hospital

FRANK ALEXANDER EVANS, M. D.

Instructor in Medicine

A. B., Washington and Jefferson College, 1910, and A. M., 1914; M. D., Johns Hopkins University, 1914; Resident House Officer, 1914-1915; Assistant Resident Pathologist, Presbyterian Hospital, New York, 1915-1916; *Assistant Resident Physician, J. H. H.*

The Johns Hopkins Hospital

LLOYD DERR FELTON, M. D.

Instructor in Bacteriology

A. B., Wooster University, 1910; Graduate Student, Columbia University, 1910-1911; M. D., Johns Hopkins University, 1916; *Externe in Pathology, J. H. H.*

1601 N. Broadway

ISIDORE I. HIRSCHMAN, M. D.

Instructor in Medicine

M. D., University of Maryland, 1911; Assistant Resident Physician, Municipal Tuberculosis Hopsital, 1911-1912; Resident Physician, Maryland State Tuberculosis Sanatorium, 1912-1914; Assistant in Clinical Medicine, 1915-1917; *Assistant Physician, J. H. H.*

2516 Madison Ave.

BENJAMIN KRAMER, M. D.

Instructor in Pediatrics

M. D., University and Bellevue Hospital Medical College, 1909; M. S., State University of Iowa, 1917; Pathological Interne, Bellevue Hospital, 1909-1910; Interne, Jewish Hospital, Brooklyn, 1910-1912; Research Assistant in Physiology, Cornell Medical College, 1912-1913; Instructor in Physiology, State University of Iowa, 1913-1915, and Assistant Professor, 1915-1917; *Assistant Dispensary Pediatrician, J. H. H.*

The Johns Hopkins Hospital

WILLIAM LAWRENCE MILLEA, M. D.

Instructor in Obstetrics

A. B., Clark University, 1908; M. D., Johns Hopkins Univeristy, 1912; Resident House Officer and Assistant Resident Obstetrician, 1912-1915; Assistant in Obstetrics, 1913-1915; Obstetrician in charge Dispensary and Resident Obstetrician, 1915-1916; *Assistant Visiting Obstetrician, J. H. H.*

J. HOWARD MÜLLER, Ph. D.

Instructor in Pathology

Ph. D., Columbia University (N. Y.), 1916; Assistant Pathologist, Presbyterian Hospital, and Instructor in Pathology, Columbia University.

JOHN GARDNER MURRAY, Jr., M. D.

Instructor in Obstetrics

A. B., Johns Hopkins University, 1911, and M. D., 1915; Assistant in Obstetrics, 1915-17; Resident House Officer, 1915-1916; *Resident Obstetrician, J. H. H.*

The Johns Hopkins Hospital

CLARENCE ADOLPH NEYMANN, M. D.

Instructor in Phychiatry

A. B., Harvard University, 1909; M. D., University of Heidelberg, 1915; *Assistant Psychiatrist in charge of Laboratory of Internal Medicine, Phipps Psychiatric Clinic.*

The Johns Hopkins Hospital

THOMAS MILTON RIVERS, M. D.

Instructor in Medicine

A. B., Emory University, 1909; M. D., Johns Hopkins University, 1915; Resident House Officer, 1915-1916; *Assistant Resident Pediatrician, J. H. H.*

The Johns Hopkins Hospital

AUGUSTA RUBY SCOTT, M. D.

Instructor in Psychiatry

Ph. B., University of Chicago, 1905; Graduate Student, Universities of Zurich and Freiburg, 1907-1910; M. D., Johns Hopkins University, 1913; Interne, Infirmary for Women and Children, N. Y., 1913-1914; *Assistant Resident Psychiatrist, J. H. H.*

The Johns Hopkins Hospital

H. HAYS BULLARD, M. D.

Instructor in Pathology

A. B., University of Missouri, 1908, and A. M., 1909; Ph. D., Tulane University, 1912; M. D., Johns Hopkins University, 1916; *Assistant in Pathology,* 1916-17.

1923 Kennedy Av.

HERBERT MAXWELL NASH WYNNE, M. D.

Instructor in Gynecology

S. B., Bethany College, 1906, and A. M., 1907; Graduate Student, Ohio State University, 1909; M. D., Johns Hopkins University, 1914; Resident House Officer and Assistant Resident Gynecologist, 1914-1916; *Resident Gynecologist.*

The Johns Hopkins Hospital

MILDRED CLARK CLOUGH, M. D.

Instructor in Medicine

A. B., Wellesley College, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer, Assistant Resident Physician, Johns Hopkins Hospital, 1914-1916; *Assistant in Biological Laboratory, J. H. H.*

416 Bretton Place, Guilford

ASSISTANTS

ROSCOE WILLIS HALL, M. D.

Assistant in Psychiatry

Ph. B., Dickinson College, 1908; M. D., Johns Hopkins University, 1912; Interne, City Hospital, Bay View, 1912-1913; Assistant Resident and Assistant Dispensary Psychiatrist, 1913-1915; *Resident Psychiatrist, J. H. H.*

The Johns Hopkins Hospital

HAROLD LEONARD HIGGINS, A. B.

Assistant in Pediatrics

A. B., Harvard University, 1907; Instructor in Chemistry, Swarthmore College, 1907-1908; Physiologist, Carnegie Nutrition Laboratory, Boston, 1908-1915.

1035 N. Calvert St.

ALMA HILLER, S. B.

Assistant in Medicine

S. B., Carnegie Institute of Technology, 1914; Graduate Student and Student Assistant in Physiology and Chemistry, *ibid.*, 1914-1915; Graduate Student, Harvard Summer School, 1915; *Chemical Laboratory of the Medical Clinics.*

102 Jackson Pl.

CARL BINGER, M. D.

Assistant in Pharmacology

A. B., Harvard University, 1910, and M. D., 1914; Assistant in History of Science, Harvard University, 1914; Interne, Mass. Gen. Hospital, 1914-1915; Sheldon Fellowship in Medicine, Harvard University, 1915-1916.

JAMES JULIAN CHISOLM, M. D.

Assistant in Laryngology

A. B., Princeton University, 1911; M. D., Johns Hopkins University, 1916; *Assistant Dispensary Laryngologist, J. H. H.*

The Johns Hopkins Hospital

DU MONT F. ELMENDORF, M. D.

Assistant in Orthopedic Surgery

A. B., Rutgers College, 1911; M. D., Johns Hopkins University, 1915; Interne, Children's Hospital School, 1915-1916; *Assistant Dispensary Surgeon, J. H. H.*

The Johns Hopkins Hospital

LINDA BARTELS LANGE, M. D.

Assistant in Medicine

A. B., Bryn Mawr College, 1903; M. D., Johns Hopkins University, 1911; Interne, N. Y. Infirmary for Women and Children, 1911-12; Fellow in Pathology, Rockefeller Institute, 1912-1914; Pathologist, H. A. Kelly Hospital, 1914-1915; Instructor in Pathology, University of Wisconsin, 1915-1916; *Laboratory of Phipps Tuberculosis Dispensary.*

233 W. Preston St.

HENRY BARBER RICHARDSON, M. D.

Assistant in Medicine

A. B., Harvard University, 1910, and M. D., 1914; House Officer, Peter Bent Brigham Hospital, 1915-1916; *Assistant Dispensary Physician, J. H. H.*

1 Queen Anne's Rd., Windsor Hills

C. VERNON LYNCH, A. B.

Assistant in Physiology

A. B., Johns Hopkins University, 1914; Graduate Student, *ibid.*, 1914-16; Lecture Assistant in Physiology, 1916-1917.

2645 N. Charles St.

G. BEDFORD BROWN, Jr., M. D.

Assistant in Laryngology

S. B., Georgetown College, 1912, and Yale University, 1913; M. D., Johns Hopkins University, 1917; *Assistant Dispensary Laryngologist, J. H. H.*

The Johns Hopkins Hospital

PAUL WILLIAM CHRISTMAN, M. D.

Assistant in Pathology

S. B., University of California, 1912; M. D., Johns Hopkins University, 1916; Interne, City Hospital, Bay View, 1916-1917.

City Hospital, Bay View.

RUTH ELDRED FAIRBANK, M. D.

Assistant in Psychiatry

A. B., University of Illinois, 1911; M. D., Johns Hopkins Universtiy, 1916; Resident House Officer, Johns Hopkins Hospital, 1916-1917; *Assistant Dispensary Psychiatrist, J. H. H.*

The Johns Hopkins Hospital

WILLIAM CARSON VON GLAHN, M. D.

Assistant in Pathology

S. B., Davison College, 1911; M. D., Johns Hopkins University, 1915; Interne, New Haven Hospital, 1915-1917; *Assistant Resident Pathologist, the Johns Hopkins Hospital.*

The Johns Hopkins Hospital

PHYLLIS GREENACRE, M. D.

Assistant in Psychiatry

S. B., University of Chicago, 1913; M. D., Rush Medical College, 1916; Interne and Medical House Officer and *Dispensary Psychiatrist, Phipps Psychiatric Clinic, J. H. H.*

The Johns Hopkins Hospital

RUTH ALLINE GUY, M. D.

Assistant in Bacteriology

A. B., Barnard College, 1912; M. D., Johns Hopkins University, 1917.

111 Jackson Pl.

JOHN WARTON HARRIS, M. D.

Assistant in Obstetrics

A. B., and A. M., University of North Carolina, 1911 and 1912; Resident House Officer, 1916-1917; *Assistant Resident Obstetrician, J. H. H.*

The Johns Hopkins Hospital

ALFRED C. KOLLS, M. D.

Assistant in Pharmacology

S. B., and M. S., University of Wisconsin, 1914, and 1915; M. D., Johns Hopkins University, 1917.

3704 Greenmount Ave.

ESTHER LORING RICHARDS, M. D.

Assistant in Psychiatry

A. B., Mt. Holyoke College, 1910; M. D., Johns Hopkins University, 1915; Resident House Officer, 1915-1916; *Assistant Resident Psychiatrist, J. H. H.*

The Johns Hopkins Hospital

ELDON WILLIAM SANFORD, PH. D.

Assistant in Anatomy

Ph. B., Yale University, 1914; M. A., 1916, and Ph. D., 1917; Assistant in Zoology, Embryology and Entomology, Yale University, 1914-1916.

834 E. Preston St.

ALAN CALLENDER SUTTON, M. D.

Assistant in Medicine

A. B., and M. D., Johns Hopkins University, 1912 and 1916; Resident House Officer, 1916-1917; *Assistant Resident Physician, J. H. H.*

The Johns Hopkins Hospital

FRED HERMAN KRUSE, M. D.

Assistant in Medicine

M. D., University of California, 1915; Interne, University of California Hospital, 1915-1916; *Assistant Resident Physician, J. H. H.*

The Johns Hopkins Hospital

STANLEY COBB, M. D.

Assistant in Psychiatry and Physiology of the Nervous System

M. D., Harvard University, 1914; Interne, Peter Bent Brigham Hospital, 1915-1916; Assistant in Physiology, 1916-1917.

206 E. Chase St.

PHILIP SAFFERY EVANS, JR.

Assistant in Physiology

A. B., Yale University, 1895; M. D., Johns Hopkins University, 1899; Intercollegiate Secretary, Y. M. C. A., Baltimore, 1899-1900; Clinical Assistant in Surgery, Johns Hopkins University, 1900-1901; Medical Professor of Pathology, University of Nanking Medical School, Nanking, China (Absent on leave).

1316 Eutaw Pl.

GEORGE ARGALE HARROP, Jr., M. D.

Assistant in Medicine

A. B., Harvard University, 1912; M. D., Johns Hopkins University, 1916; Resident House Officer, 1916-1917; *Assistant Resident Physician.*

The Johns Hopkins Hospital

ESAU A. GREENSPON, M. D.

Assistant in Pathology

M. D., McGill University, 1916; Assistant in Bacteriology, Royal Victoria Hospital, and Assistant Demonstrator of Pathology and Bacteriology, McGill University, Montreal, 1916-1917.

The Johns Hopkins Hospital

ADRIAN S. TAYLOR, M. D.

Assistant in Surgery

M. D., University of Virginia, 1905, and Harvard University, 1916; Acting Assistant Surgeon, U. S. P. H. S., 1905-1906; in charge Yangchow Baptist Hospital, China, 1907-1914; Voluntary Assistant in Medicine, 1916-1917.

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PROFESSORS

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Professor of Clinical Medicine

M. B., University of Toronto, 1890, and M. D. (Hon.), 1905; LL. D., Queen's University, 1908, and McGill University, 1911; House Officer, Toronto General Hospital, 1890-91; Assistant Resident Physician, Assistant Resident and Resident Pathologist and Physician-in-Chief, the Johns Hopkins Hospital, 1891-1900, and 1905-1914; Fellow in Pathology, Johns Hopkins University, 1892-94, Associate in Aanatomy, 1894-97, Associate Professor of Anatomy, 1897-99, and Associate Professor of Pathology, 1899-1900, and Professor of Medicine, 1905-1914; Professor and Head of the Department of Anatomy, University of Chicago, 1900-04, and Professor of Medicine, Rush Medical College, 1904-05; *Visiting Physician, Johns Hopkins Hospital.*

1035 N. Calvert St.

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A. B., Harvard University, 1885, and M. D., 1889; LL. D., Washington College, 1907; Honorary Fellow, Royal College of Physicians of Ireland, 1912; Resident Physician, Johns Hopkins Hospital, 1891-1898; Associate in Medicine, 1899-1905, and Associate Physician, 1905-14; Associate and Associate Professor of Medicine, Johns Hopkins University, 1895-1905; *Visiting Physician, Johns Hopkins Hospital.*

406 Cathedral St.

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1300 Eutaw Place

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968 N. Howard St.

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1011 N. Charles St.

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330 N. Charles St.

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A. B. and A. M., University of Virginia, 1893, and M. D., 1894; Assistant Resident Surgeon, 1895-98; Associate in Surgery, the Johns Hopkins Hospital, 1898-1914; Instructor, Associate and Associate Professor of Genito-Urinary Surgery, Johns Hopkins University, 1898-1914; *Visiting Urologist, the Johns Hopkins Hospital.*

Brady Clinic, Johns Hopkins Hospital

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Clinical Professor Emeritus of Pediatrics

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208 W. Monument St.

ASSOCIATE PROFESSORS

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1208 Eutaw Place

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20 E. Eager St.

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M. D., University of Maryland, 1884, and A. M. (Hon.), Johns Hopkins University, 1902; Assistant in Ophthalmology, Vienna Polyclinic, 1886; Associate in Ophthalmology and Otology, Johns Hopkins University, 1896-1901; *Visiting Ophthalmologist, Johns Hopkins Hospital.*

609 Park Av.

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23 W. Franklin St.

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904 N. Charles St.

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Associate Professor of Clinical Orthopedic Surgery

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4 E. Madison St.

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21 W. Chase St.

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714 Park Av.

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A. B., St. Thomas College, 1895; Ph. B., St. Paul Seminary, 1897; Graduate Student, Johns Hopkins University, 1897-1898; M. D., 1903; Assistant Instructor and Associate in Genito-Urinary Diseases, 1907-15; Resident House Officer, 1903-1904; Consulting Urologist, City Hospital, Bay View; *Assistant Visiting Urologist, Johns Hopkins Hospital.*

330 N. Charles St.

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4 E. Madison St.

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1206 Linden Av.

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Lecturer on Medical Zoölogy

A. M., Ph. D., University of Leipzig, 1890; M. S. (Hon.), Wesleyan University, 1896; D. Sc. (Hon.), Wesleyan University, 1906, and Yale University, 1915; LL. D., University of North Carolina, 1913; M. D. (Hon.), University College of Medicine, Richmond, 1914; Corresponding Member, Society of Biology and Academy of Medicine (Paris); Zoölogist, U. S. Bureau of Animal Industry, 1891-1902; Professor of Zoölogy, of U. S. Public Health Service, Washington, D. C.; Secretary, International Commission on Zoölogical Nomenclature.

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1126 Cathedral St.

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17 W. Biddle St.

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3 E. Read St.

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31 W. Preston St.

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804 Cathedral St.

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1200 N. Charles St.

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23 W. Chase St.

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16 W. Madison St.

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330 N. Charles St.

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4 E. Madison St.

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853 Park Av.

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Instructor in Clinical Medicine

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201 Longwood Rd., Roland Park

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Instructor in Clinical Psychiatry

S. B., Haverford College, 1889, and A. M., 1890; M. D., University of Pennsylvania, 1893; Assistant Physician, Sheppard and Enoch Pratt Hospital; Assistant in Psychiatry, Johns Hopkins University, 1906; *Dispensary Psychiatrist, J. H. H.*

714 E. Evesham Av., Govans

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Instructor in Clinical Medicine

A. B., Loyola College, 1898; Graduate Student, Johns Hopkins University, 1898-1899, and M. D., 1903; Assistant in Medicine, 1905-1907; Assistant Resident Physician, St. Joseph's Hospital 1903-1904; *Dispensary Physician, J. H. H.*

40 W. Biddle St.

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M. D., University of Maryland, 1889; Assistant in Surgery, Johns Hopkins University, 1900-1909; *Dispensary Surgeon, J. H. H.*

1012 Cathedral St.

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Instructor in Clinical Neurology

A. B., Johns Hopkins University, 1900, M. D., 1904; Assistant in Medicine, 1905-1909; Externe, the Johns Hopkins Hospital, 1904-1905; *Dispensary Neurologist, J. H. H.*

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M. D., University of Maryland, 1893; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Free Lying-in-Hospital, University of Maryland, 1893-1894; Resident Physician, Hospital for Women of Maryland, 1894-1895; *Dispensary Physician, J. H. H.*

1327 Park Av.

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Instructor in Clinical Medicine

M. D., University of Maryland, 1894; A. M. (Hon.), St. John's College (Maryland), 1909; Fellow, Royal Society of Arts, London, 1914, and of the American Association for the Advancement of Science, 1914; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Hospital for Women of Maryland, 1895-1896; *Dispensary Physician, J. H. H.*

2701 N. Calvert St.

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207 E. Preston St.

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1200 Cathedral St.

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1425 Eutaw Place

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322 N. Charles St.

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1006 Madison Ave.

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24 N. Fulton Av.

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900 St. Paul St.

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1822 N. Charles St.

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37 W. Preston St.

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2108 Bolton St.

ADVISORY BOARD OF THE MEDICAL FACULTY

Frank J. Goodnow (*President*),
William H. Welch, (*Director, School of Hygiene*),
Henry M. Hurd,
William S. Halsted,
Howard A. Kelly,
Franklin P. Mall,
John J. Abel,
William H. Howell,
J. Whitridge Williams (*Dean*),
Adolf Meyer,
Winford Smith,
Walter Jones,
John Howland,
Theodore C. Janeway,
William G. MacCallum.

The Board was constituted by resolution of the Trustees (April 3, 1893), "to report to the Trustees from time to time their suggestions and to prepare and carry forward the proper arrangements for the instruction and graduation of medical students."

STANDING COMMITTEES OF THE FACULTY

EXECUTIVE COMMITTEE

The President of the University, The Dean of the Medical Faculty, The Superintendent of the Johns Hopkins Hospital

COMMITTEE ON THE LIBRARY

William H. Howell (Chairman),
John J. Abel,
Walter Jones,
Franklin P. Mall,
The University Librarian,
J. Whitridge Williams,
John Howland,
Theodore C. Janeway,
William S. Halsted,
William G. MacCallum.

COMMITTEE ON ADMISSION

The Dean (Chairman),
John J. Abel,
William H. Howell,
Warren H. Lewis,
Walter Jones,
Franklin P. Mall,
Florence R. Sabin,
William G. MacCallum.

COMMITTEE ON INSTRUCTION AND EXAMINATIONS FOR THE FIRST AND SECOND YEARS OF THE COURSE

William H. Howell, Chairman.

This Committee consists of the Professors and Associate Professors instructing first and second year students.

COMMITTEE ON INSTRUCTION AND EXAMINATIONS FOR THE THIRD AND FOURTH YEARS OF THE COURSE

J. Whitridge Williams, Chairman.

This Committee consists of the Professors and Associate Professors instructing third and fourth year students.

COMMITTEE ON GRADUATE INSTRUCTION

The Dean (Chairman), Winford Smith.
Lewellys F. Barker,

COMMITTEE ON THE CATALOGUE AND ANNOUNCEMENT

The Dean (Chairman), Franklin P. Mall,
William H. Howell, William G. MacCallum.

The Dean is *ex officio* member of all committees.

OTHER OFFICERS

M. Llewellyn Raney.....4117 Penhurst Av., W. Arlington.
Librarian of the University.

Thomas R. Ball.....3102 Walbrook Av.
Registrar of the University.

George J. Coy.....2403 Elsinor Av., Walbrook
Registrar of the Medical Department

Medical Board of the Johns Hopkins Hospital

Lewellys F. Barker,
John M. T. Finney,
William S. Halsted,
Howard A. Kelly,
John Howland,
Henry M. Hurd,
Theodore C. Janeway,
Adolf Meyer,
Winford Smith,
William S. Thayer,
William H. Welch,
J. Whitridge Williams,
William G. MacCallum.

Under the rules and regulations of the Johns Hopkins Hospital it is "the duty of the Medical Board to advise the Trustees in all matters relating to the welfare of the Hospital."

THE MEDICAL STAFF OF THE JOHNS HOPKINS HOSPITAL AND DISPENSARY*

Superintendent ..... WINFORD SMITH.
Assistant Superintendent ..... RALPH B. SEEM.
" " L. PALMER HOLMES.
" " WILLIAM C. LEAVENWORTH.
Physician-in-Chief ..... THEODORE C. JANEWAY.
Associate Physician ..... HERMAN O. MOSENTHAL.
" " PAUL W. CLOUGH.
" " CLYDE G. GUTHRIE.
Assistant Physician ..... EVELETH W. BRIDGMAN.
" " ALLEN K. KRAUSE.
" " N. WORTH BROWN.
Surgeon-in-Chief ..... WILLIAM S. HALSTED.
Associate Surgeon ..... GEORGE J. HEUER.
" " EMIL GOETSCH.
Gynecologist-in-Chief ..... HOWARD A. KELLY.
Obstetrician-in-Chief ..... J. WHITRIDGE WILLIAMS.
Pediatrician-in-Chief ..... JOHN HOWLAND.
Associate Pediatrician ..... EDWARDS A. PARK.
Psychiatrist-in-Chief ..... ADOLF MEYER.
Associate Psychiatrist ..... C. MACFIE CAMPBELL.
Assistant Psychiatrist ..... STANLEY COBB.
" " CLARENCE A. NEYMANN.
" " CHARLES BAGLEY, JR.
Pathologist ..... WILLIAM G. MACCALLUM,

Visiting Physician ..... LEWELLYS F. BARKER.
" " WILLIAM S. THAYER.
Assistant Visiting Physician ..... THOMAS B. FUTCHER.
" " " LOUIS HAMMAN.
" " " THOMAS R. BOGGS.
" " " THOMAS R. BROWN.
Visiting Surgeon ..... JOHN M. T. FINNEY.
Assistant Visiting Surgeon ..... JOSEPH C. BLOODGOOD.
" " " RICHARD H. FOLLIS.
" " " WILLIAM S. BAER (Orthopedic Surgeon).
" " " SAMUEL J. CROWE (Laryngologist).

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* Corrected to September 1, 1917.

Assistant Visiting Surgeon	JOHN STAIGE DAVIS.
" " "	WILLIAM A. FISHER.
" " "	GEORGE WALKER.
" " "	GEORGE E. BENNETT.
" " "	HARRY R. SLACK.
Visiting Urologist	HUGH H. YOUNG.
Assistant Visiting Urologist	JOHN T. GERAGHTY.
Assistant in Urology	DAVID M. DAVIS.
" " "	NORMAN M. KEITH.
" " "	JOHN A. C. COLSTON.
" " "	WILLIAM A. FRONTZ.
" " "	J. EDWARD BURNS.
" " "	EDWIN C. WHITE.
" " "	ALFRED J. SHOHL.
Assistant Visiting Gynecologist	WILLIAM W. RUSSELL.
" " "	THOMAS S. CULLEN.
" " "	GUY L. HUNNER.
" " "	EDWARD H. RICHARDSON.
Assistant Visiting Obstetrician	KARL M. WILSON.
" " "	EVERETT D. PLASS.
" " "	WILLIAM L. MILLEA.
Visiting Neurologist	HENRY M. THOMAS.
Visiting Ophthalmologist	SAMUEL THEOBALD.
Visiting Ophthalmologist	ROBERT L. RANDOLPH.
Visiting Dermatologist	T. CASPAR GILCHRIST.
" "	J. WILLIAMS LORD.
Roentgenologist	FREDERICK H. BAETJER.
Assistant Roentgenologist	CHARLES A. WATERS.
" "	J. WILLIAM PIERSON.
University Appointees Working in Hospital Laboratories	ALMA HILLER (Chemical Laboratory).
" "	MILDRED CLARK CLOUGH.† (Biological Laboratory).
" "	ALMA S. ROTHHOLZ (Phipps Tuberculosis Laboratory).
" "	LINDA B. LANGE (Phipps Tuberculosis Laboratory).
Resident Physician	ARTHUR L. BLOOMFIELD.
Assistant Resident Physician	ROBERT L. LEVY.
" " "	FRANK A. EVANS.
" " "	ALAN C. SUTTON.

† Mary Putnam Jacobi Fellowship.

Resident Physician in Charge of Private Wards.....David W. Carter, Jr.
Assistant Resident Physician.....Stewart V. Irwin.
" " " Horace McM. Banks.
Resident Surgeon.....Walter E. Dandy.
Assistant Resident Surgeon.....Mont R. Reid.
" " " Ernest G. Grey.
" " " George R. Dunn.
" " " William C. Duffy.
" " " James J. Chisolm.
" " " Isadore Zadek.
Externe in Surgery.....Roger P. Batchelor.
" " " (x-ray).....Howard P. Doub.
" " " (Orthopedic)..Adrien S. Taylor.
Resident Urologist.....Edward G. Davis.
Assistant Resident Urologist.....Howard L. Cecil.
" " " Bryant E. Harrell.
" " " Winford O. Wilder.
Resident Gynecologist.....Herbert M. N. Wynne.
Assistant Resident Gynecologist..Sydney O. Reese.
Resident Obstetrician.....John G. Murray, Jr.
Assistant Resident Obstetrician..John W. Harris.
" " " William C. McKee.
Resident Pediatrician.....Kenneth D. Blackfan.
Asst. Resident Pediatrician.....Thomas M. Rivers.
" " " Henry B. Conrad.
" " " George A. Harrop, Jr.
Asst. Resident Psychiatrist.....Augusta R. Scott.
" " " Nathaniel H. Brush.
" " " Esther L. Richards.
Assistant Resident Pathologist...William C. von Glahn.
" " " Admont H. Clark.
Externe in Pathology.....Lloyd Felton.

Resident House Officers:

S. E. Howard,	J. H. Baird,	T. O. Gamble,
B. J. Sanger,	M. Tibbetts,	M. I. Handy,
W. L. Brosius,	F. H. Linthicum,	M. Tyler,
C. L. Callander,	E. Novak,	H. S. Van Nostrand,
M. D. McNeal,	L. Brady,	R. E. Fairbank,
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J. P. Shearer,	W. C. McKee,	L. B. Hohman,
H. A. Gailey,	R. D. Fear,	C. V. McMeen.

OUT-PATIENT DEPARTMENT

Physician-in-Chief ..... THEODORE C. JANEWAY.
Surgeon-in-Chief ..... WILLIAM S. HALSTED.
Gynecologist-in-Chief ..... HOWARD A. KELLY.
Obstetrician-in-Chief ..... J. WHITRIDGE WILLIAMS.
Psychiatrist-in-Chief ..... ADOLF MEYER.
Pediatrician-in-Chief ..... JOHN HOWLAND.

DEPARTMENT OF MEDICINE

A—*General Medicine:*

Physician in Charge ..... THOMAS B. FUTCHER.
" " " LOUIS V. HAMMAN.
Dispensary Physician ..... FRANK R. SMITH.
" " LOUIS P. HAMBURGER.
" " JOSEPH A. CHATARD.
" " HENRY LEE SMITH.
" " CHARLES W. LARNED.
" " EUGENE J. LEOPOLD.
" " SAMUEL WOLMAN.
" " DAVID I. MACHT.
" " J. HALL PLEASANTS.
" " EVELETH W. BRIDGMAN.
" " CAROLINE B. TOWLES.
" " DAVID C. STREETT.
" " JOHN T. KING, JR.
" " R. W. B. MAYO.
" " N. WORTH BROWN.
Assistant Dispensary Physician .. WILLIAM K. SKILLING.
" " " HARRY GOLDBERG.
" " " HARRY GOLDSMITH.
" " " HENRY B. RICHARDSON.
" " " Y. LE COMPTE COOK.
" " " HOWARD H. WARNER.
" " " GILBERT W. ROSENTHAL.
Dispensary Laboratory ..... MARJORIE D. BATCHELOR.

B—*Clinical Neurology:*

Neurologist in Charge ..... HENRY M. THOMAS.
Dispensary Neurologist ..... G. LANE TANEYHILL, JR.
" " CHARLES M. BYRNES.
Asst. Dispensary Neurologist ..... ROBERT A. WARNER.
" " " ANDREW C. GILLIS.
" " " DANIEL D. V. STUART.

C—*Phipps Dispensary:*

Physician in Charge.....ALLEN K. KRAUSE.
Dispensary Physician.....CHARLES R. AUSTRIAN.
" " MARTIN F. SLOAN.
" " EDWARD V. COOLAHAN.
" " ISIDORE I. HIRSCHMAN.
" " MARY A. HODGE.
Assistant Dispensary Physician..JOHN GIRDWOOD.
" " " JACOB COHEN.
" " " CHARLES C. HOBLISTON.

D—*Gastro-Intestinal Diseases:*

Physician in Charge.....THOMAS R. BROWN.
Assistant Dispensary Physician..ERNEST H. GAITHER.
" " " ELMER B. FREEMAN.
" " " EDGAR P. SANDROCK.
" " " JOHN H. KING.
" " " RANDOLPH A. MICHELSON.

E—*Diseases of Metabolism:*

Physician in Charge.....HERMAN O. MOSENTHAL.
Dispensary Physician.....JOHN H. KING.
" " EUGENE J. LEOPOLD.
" " SAMUEL W. CLAUSEN.
" " HENRY R. CARTER, JR.
" " MINNA MAUN.

F—*Department "L":*

Chairman, Committee in Charge..GEORGE WALKER.
Dispensary Physician.....ALBERT KEIDEL.
" " THOMAS J. BOGGS.
Assistant Dispensary Physician..HARRY M. ROBINSON.
" " " JESSE W. DOWNEY.
" " " ERNEST L. ZIMMERMAN.
" " " DAVID C. STREETT.
" " " FERDINAND O. W. REINHARD.

DEPARTMENT OF SURGERY

A—*General Surgery*

Surgeon in Charge.....RICHARD H. FOLLIS.
Dispensary Surgeon.....WILLIAM A. FISHER.
" " OMAR B. PANCOAST.
" " J. STAIGE DAVIS.

Dispensary Surgeon.....BERTRAM M. BERNHEIM.
" " HARVEY B. STONE.
" " HARRY L. HOMER.
Assistant Dispensary Surgeon....RONALD T. ABERCROMBIE.
" " " ELLIOTT H. HUTCHINS.
" " " THOMAS R. CHAMBERS.

B—*Ophthalmology*

Ophthalmologist in Charge.....SAMUEL THEOBALD.
" " " ROBERT L. RANDOLPH.
Dispensary Ophthalmologist.....LEO J. GOLDBACH.
" " EDWARD A. LOOPER.
" " RANDOLPH M. KAHN.

C—*Urology:*

Urologist in Charge.....WILLIAM A. FRONTZ.
Dispensary Urologist.....FREDERICK W. HOBELMANN.
" " JOHN A. C. COLSTON.
" " J. POINTEVANT ROBINSON.
" " DAVID FRANKLIN.

D—*Laryngology, Rhinology and Otology:*

Laryngologist in Charge.....SAMUEL J. CROWE.
Asst. Dispensary Laryngologist..HOAGLAND C. DAVIS.
" " " HARRY R. SLACK.
" " " S. SHELTON WATKINS.
" " " JAMES J. CHISOLM.
" " " MARTILLUS H. TODD.
" " " FREDERICK H. LINTHICUM.
" " " G. BEDFORD BROWN.

E—*Dermatology:*

Dermatologist in Charge.....T. CASPAR GILGHRIST.
" " " J. WILLIAMS LORD.
Dispensary Dermatologist.....EDGAR R. STROBEL.
" " ISAAC R. PELS.
Asst. Dispensary Dermatologist...J. EDWARD GATELY.
" " " LLOYD W. KETRON.
" " " JOHN SCOTT WILLOCK.
" " " HARRY M. ROBINSON.

F—*Orthopedic Surgery:*

Surgeon in Charge.....WILLIAM S. BAER.
Dispensary Surgeon.....ROADES FAYERWEATHER.
" " GEORGE E. BENNETT.
" " HOWARD E. ASHBURY.
Assistant Dispensary Surgeon....CARL R. AHROON.
" " " LEWIS CASS SPENCER.
" " " WALTER S. NIBLETT.
" " " MARK TIBBETTS.

G—*Roentgenology:*

Roentgenologist in Charge.....FREDERICK H. BAETJER.
Assistant Roentgenologist.....CHARLES A. WATERS.
" " J. WILLIAM PIERSON.
Externe.....HOWARD P. DOUB.

H—*Dentistry:*

Dental Surgeon in Charge.....CLARENCE J. GRIEVES.
" " " " HARRY E. KELSEY.
" " " " LEWIS D. CORIELL.
" " " " HAYWARD H. STREET.
" " " " LUCIEN B. BRUN.
" " " " CLYDE V. MATTHEWS.
" " " " HARRY G. STEWART.
" " " " W. H. BAISH.
" " " " ARTHUR LANKFORD.

DEPARTMENT OF GYNECOLOGY AND OBSTETRICS

A—*Gynecology:*

Gynecologist in Charge.....EDWARD H. RICHARDSON.
Dispensary Gynecologist.....HENRY N. SHAW.
" " HERBERT N. M. WYNNE.
" " SYDNEY O. REESE.
" " HENRY BROWN CONRAD.
Assistant Dispensary Gynecologist.WALTER T. ANDERSON.
" " " LEO BRADY.
" " " EDWARD NOVAK.

Cystoscopic Clinic:
In charge.....GUY L. HUNNER.
Assistant Dispensary Gynecologist.CECIL W. VEST.

B—*Obstetrics:*

Obstetrician in Charge.....John G. Murray, Jr.
Dispensary Obstetrician.....John W. Harris.
Asst. Dispensary Obstetrician....William C. McKee.
" " " Raymond D. Fear.
" " " Thomas O. Gamble.

DEPARTMENT OF PEDIATRICS

Pediatrician in Charge.....Grover F. Powers.
Dispensary Physician.....J. H. Mason Knox.
" " James L. Gamble.
" " Warren R. Sisson.
Assistant Dispensary Physician..Benjamin Kramer.
" " " Paul G. Shipley.
" " " Alma S. Rothholz.
" " " Harry L. Whittle.
" " " Margaret I. Handy.
" " " Margaret Tyler.
" " " Herbert S. Van Nostrand.

DEPARTMENT OF PSYCHIATRY

Psychiatrist in Charge.....C. Macfie Campbell.
Dispensary Psychiatrist.....Augusta R. Scott.
" " William Rush Dunton.
" " Nathaniel H. Brush.
Asst. Dispensary Psychiatrist....George F. Sargent.
" " " Trigant Burrow.
" " " George B. Wolff.
" " " Esther L. Richards.
" " " Stanley Cobb.
" " " John R. Oliver.
" " " Phillis Greenacre.
" " " Ruth E. Fairbank.
" " " Francis Lee Dunham.
" " " Charles B. Thompson.
" " " Leslie B. Hohman.
" " " Claude V. McMeen.

City Hospitals at Bay View

(Controlled by the Board of Supervisors of City Charities)

THE CITY HOSPITAL
THE MUNICIPAL TUBERCULOSIS HOSPITAL
THE CITY DETENTION HOSPITAL FOR THE INSANE

LAMAR HOLLYDAY, *Superintendent*

Medical Board:

Physician-in-Chief.....THOMAS R. BOGGS, M. D.
Surgeon-in-Chief.....ARTHUR M. SHIPLEY, M. D.
Physician in Charge, Tuberculosis Hospital.....GORDON WILSON, M. D.
Physician in Charge, Detention Hospital for Insane.....HENRY E. AUSTIN, M. D.
Pathologist.....ADMONT H. CLARK, M. D.

Consulting Staff:

Alienists.....HENRY J. BERKLEY, M. D.; ADOLF MEYER, M. D.
Neurologist.....HENRY M. THOMAS, M. D.
Urologists.....JOHN T. GERAGHTY, M. D.; GEORGE TIMBERLAKE, M. D.
Gynecologists.....HUGH BRENT, M. D.; EDWARD H. RICHARDSON, M. D.
Laryngologist.....FRANK D. SANGER, M. D.
Otologist.....WILLIAM TARUN, M. D.
Dermatologist.....EDGAR R. STROBEL. M. D.
Pediatricians.....JOHN HOWLAND, M. D.; JOHN RUHRAH, M. D.
Ophthalmologist.....JAMES J. MILLS, M. D.

Resident Pathologist.....

Third-year students receive clinical instruction in medicine in the City and Tuberculosis Hospitals during the third trimester.

Fourth-year students receive clinical instruction in psychiatry in the Detention Hospital for the Insane.

Elective work will be offered during the entire year.

MEMBERS OF THE MEDICAL FACULTY AND HOSPITAL STAFF ENGAGED IN MILITARY DUTY *

Dr. William H. Welch, Major, M. O. R. C., special duty, Surgeon General's Office.

Dr. Winford Smith, Major, M. O. R. C., special duty, Surgeon General's Office.

Dr. Theodore C. Janeway, Major, M. O. R. C., special duty, Surgeon General's Office.

Dr. William S. Thayer, Major, M. O. R. C., Red Cross Commission to Russia.

Dr. John Howland, Major, M. O. R. C., not on active duty.

Dr. John M. T. Finney, Major, M. O. R. C., Chief of Surgical Staff, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Joseph C. Bloodgood, Major, M. O. R. C., not on active duty.

Dr. Thomas R. Boggs, Major, M. O. R. C., Chief of Medical Staff, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Hugh H. Young, Major, assigned to British medical service.

Dr. Thomas B. Futcher, Consultant, Canadian Military Hospital, B. E. F., Orpington, Kent, England.

Dr. William S. Baer, Captain, M. O. R. C., Assistant Surgeon, (Orthopedic) U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Clyde G. Guthrie, Captain, M. O. R. C., Assistant Physician, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. George J. Heuer, Captain, M. O. R. C., Assistant Surgeon (Brain Surgery), U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Elizabeth Hurdon, Surgeon, British Army.

Dr. Walter A. Baetjer, Captain, M. O. R. C., Chief of laboratory staff, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Charles Bagley, Captain, M. O. R. C., assigned to duty in Surgeon General's Office.

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* Corrected to Nov. 1, 1917.

Dr. Bertram M. Bernheim, Captain, M. O. R. C., Assistant Surgeon (Vein Surgery), U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Eveleth W. Bridgman, Captain, M. O. R. C., Assistant Physician and Registrar, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. John Staige Davis, Captain, M. O. R. C., on active duty, Baltimore.

Dr. Roades Fayerweather, Captain, M. O. R. C., on active duty with Orthopedic Unit, Pau, France.

Dr. William A. Fisher, Captain, M. O. R. C., Assistant Surgeon, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. John G. Murray, Jr., Captain, M. O. R. C., assigned to duty at J. H. H.

Dr. Harvey B. Stone, Captain, M. O. R. C., Quartermaster, U. S Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Roscoe W. Hall, Captain, M. O. R. C., 1st New York Psychiatric Unit.

Dr. Stanhope Bayne-Jones, Captain, M. O. R. C., U. S. Army Medical Relief Corps, France.

Dr. Isadore I. Hirshmann, Captain, M. O. R. C., Contract Physician.

Dr. Eli K. Marshall, Junior Physiologist, assigned to duty in Bureau of Mines, Department of Interior, Washington, D. C.

Dr. D. Wright Wilson, Physiologist, U. S. Gas Investigation, Bureau of Mines, Department of Interior, New Haven, Conn.

Dr. Lewis H. Weed, 1st Lieutenant, M. O. R. C., assigned to duty at J. H. M. S.

Dr. David M. Davis, 1st Lieutenant. M. O. R. C., on active duty in France.

Dr. Ernest C. Schmeisser, 1st Lieutenant, M. O. R. C., Pathologist, Albany Base Hospital).

Dr. Carl Binger, 1st Lieutenant, M. O. R. C., with American Expeditionary Force in France.

Dr. J. Albert Chatard, 1st Lieutenant, M. O. R. C., on active duty, Fort McHenry.

Dr. J. A. C. Colston, 1st Lieutenant, M. O. R. C., on active duty, Medical Department, British Army in France.

Dr. Frank A. Evans, 1st Lieutenant, M. O. R. C., on active duty, Medical Department, British Army in France.

Dr. John H. King, 1st Lieutenant, M. O. R. C., Assistant Physician, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. John T. King, Jr., 1st Lieutenant, M. O. R. C., on active duty, assigned to J. H. H.

Dr. Samuel Goldschmidt, 1st Lieutenant, M. O. R. C., Sanitary Division, Sheffield Scientific School, New Haven, Conn.

Dr. Alfred C. Kolls, Junior Physiologist, assigned to duty in Bureau of Mines, Department of the Interior, Washington, D. C.

Dr. William L. Millea, 1st Lieutenant, M. O. R. C., on active duty, Camp Oglethorpe, Ga.

Dr. Henry R. Slack, 1st Lieutenant, M. O. R. C., Assistant Surgeon (Laryngology), U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Henry L. Smith, 1st Lieutenant, M. O. R. C., on active duty, Fort Oglethorpe, Ga.

Dr. Daniel D. V. Stuart, Captain, M. O. R. C., on active duty, Washington, D. C.

Dr. George L. Stickney, 1st Lieutenant, M. O. R. C., on active duty Medical Department, British Army in France.

Dr. Alan C. Sutton, 1st Lieutenant, M. O. R. C., on active duty Medical Department, British Army in France.

Dr. Charles A. Waters, 1st Lieutenant, M. O. R. C., Roentgenologist, U. S. Army Base Hospital No. 18, American Expeditionary Force, France (Hopkins Base Hospital).

Dr. Clarence A. Neymann, 1st Lieutenant, M. O. R. C., New York Psychiatric Unit.

Former members of the Teaching and Hospital Staff who resigned during the past year to take up active military duty:

Dr. Everett D. Plass.
Dr. Daniel Davis.
Dr. Aubrey T. Mussen.
Dr. John C. Lyman.
Dr. Raymond S. Hussey.
Dr. Virgil P. W. Sydenstricker.
Dr. Charles L. McCarthy.
Dr. Howard E. Ashbury.
Dr. Ernest S. du Bray.

REQUIREMENTS FOR ADMISSION AND GRADUATION

GENERAL DESCRIPTION OF THE COURSE OF INSTRUCTION OFFERED TO CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

GENERAL STATEMENT

The Medical Department of the Johns Hopkins University was opened for the instruction of students October, 1893. It is an integral and coordinate part of the University, and is in the closest affiliation with the Johns Hopkins Hospital, the professors of the various clinical branches being the heads of the corresponding departments in the Hospital.

From the opening of the school, all instructors in the underlying scientific branches have devoted their entire time to the university duties. The establishment by the General Education Board in 1914 of the William H. Welch Fund for the Advancement of Clinical Teaching has made it possible to place the responsible instructors in medicine, surgery, and pediatrics upon a similar basis, while others who are engaged in practice are utilized as clinical teachers.

The course of instruction extends over four years, and is planned for the professional training of those who have received a liberal education, as indicated by a collegiate degree in arts or science from an acceptable institution, including an adequate training in physics, chemistry, and biology, and a reading knowledge of French and German. Men and women are admitted upon the same terms.

In order to afford requisite facilities, the number of students in each class is limited to ninety.

Throughout the course special emphasis is laid upon practical work in the laboratories and in the dispensary and wards of the Hospital. While the primary aim of the School is to train practitioners of medicine and surgery, it is recognized that the medical art should rest upon a suitable preliminary education and upon thorough training in the underlying medical sciences. The first two years are devoted mainly to practical work, combined with demonstrations,

recitations and lectures, in the laboratories of anatomy, physiology, physiological chemistry, pharmacology, pathology, and bacteriology. During the last two years the student is given abundant opportunity for the personal study of sick patients, and most of his time is spent in the hospital wards or dispensary, and in the clinical laboratories.

The instruction begins on the morning of the first Tuesday of October. Candidates for admission are required to be present on the preceding Friday (see the Calendar, page 7). The graduating exercises are held on the second Tuesday of June. There are short recesses at Christmas and Easter.

All inquiries should be addressed to the Dean of the Johns Hopkins Medical School.

REQUIREMENTS FOR ADMISSION

As candidates for the degree of Doctor of Medicine the School receives:

I. Those who have satisfactorily completed the Chemical-Biological course, which leads to the A. B. degree in this University (Course H, course preliminary to medicine).

II. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have an acquaintance with Latin and a reading knowledge of French and German: (*b*) That they have such knowledge of biology, chemistry and physics, as may be obtained from the minimal courses described below.*

* Biology.—Three hours of class work per week for one year, and at least 180 hours of laboratory work upon the structure, functions and life-histories of selected types of animal and plant life. It is desirable that the course should include laboratory instruction in embryology. Courses in botany or zoology will be accepted provided the laboratory work has been adequate.

III. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and in addition, the knowledge of Latin, French, German, physics, chemistry, and biology above indicated.

(Thus far, no students have been accepted under this provision.)

Application for Admission

Application for admission must be made to the Dean prior to July first. Printed forms will be furnished, one page of which is to be filled out by the applicant and the other by an officer of the institution at which the collegiate degree was obtained. The former gives information concerning the general preliminary education, and the latter authoritative data concerning the instruction received in the pre-medical sciences and the modern languages.

As the size of each class is limited, it is attempted, in case a greater number apply, to choose ninety of the most promising applicants. The choice is made by taking into consideration the character of the college from which the applicant graduated, his standing in the pre-medical sciences and the languages, and the estimate made by one of his science teachers, in a personal letter to the Dean, as to his or her fitness to undertake the study of medicine.

Applications may be filed at any time, but, except in unusual circumstances, they will not be considered formally

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Chemistry.—Inorganic: three hours of class work per week for one year, and at least 150 hours of laboratory work. Organic: thirty lectures and 90 hours of laboratory work.

Physics.—A collegiate course consisting of four hours of class work per week for one year, and at least 90 hours of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

Latin.—The candidate must have studied Latin grammar and possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

before July first. Notification of acceptance will be sent not later than July fifteenth.

Under no conditions will applicants be accepted who are deficient in the underlying sciences, but in exceptional instances, those having only a deficiency in French or German may be admitted conditionally, on the understanding that the condition must be absolved before the beginning of the second year.

Admission to Advanced Standing

Students from acceptable medical schools may be admitted to the second, third or fourth year classes if vacancies occur. Such applicants must furnish evidence (1) that they are eligible to the first year class without conditions of any kind; (2) that medical courses equivalent in kind and amount to those given in this school, in the year or years preceding that to which admission is desired, have been satisfactorily completed; and (3) they must be prepared to pass examinations at the beginning of the session in all subjects already pursued by the class to which admission is sought. The applicant must have studied as a matriculated medical student for a period of time at least equal to that already spent by the class which he seeks to enter.

As graduation from an approved college or scientific school is essential for admission to this school, applicants from universities conferring a degree upon the completion of a combined course, consisting of two years of collegiate and two years of medical work, are not eligible for admission to our third year class.

Instruction for Graduates in Medicine

Beginning the first of June each year, six weeks courses, especially adapted to meet the needs of practitioners of medicine, are given in medicine, surgery and various specialties, as well as in several of the underlying medical sciences. These courses are described on page 115.

During the school year, a limited number of graduate students may be admitted to work in the several departments, in so far as they do not interfere with the routine work of the undergraduate students.

In every instance the arrangement for such instruction and facilities must be made directly with the head of the department concerned, but work cannot be commenced until after registration at the Dean's office.

Persons who have already received the degree of Doctor of Medicine elsewhere, will not be admitted as candidates for that degree from this University. Should further instruction be desired, they may enter as graduate students.

Special Workers.—Special workers, not candidates for a degree, may be received at the discretion of the Faculty.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Medicine is conferred upon those who, after fulfilling all the requirements for admission, have completed satisfactorily a four years' course of study.

Students who have been admitted to advanced standing, as well as those of our own students who have been granted permission to pursue a part of their studies elsewhere, must spend at least the final year in the Medical School of this University.

The degrees are publicly conferred at the University Commencement on the second Tuesday of June, or on Commemoration Day, February the twenty-second.

EXAMINATIONS

At the end of the fifth trimester, the records of all students in the second year class are reviewed by the Committee on Instruction and Examinations for the first two years. Students who are reported as having failed in any two of the

following subjects: anatomy (including histology), physiology, physiological chemistry, pharmacology, pathology, (including bacteriology), will be advised to withdraw from the school. Those who fail in one subject will be allowed to take a second examination not later than the following October.

No student will be permitted to enter upon the work of the fourth year until he has absolved the required third year work in gynecology, physical diagnosis, clinical microscopy and neurology.

Final examinations for graduation will be held in Medicine, Surgery, Obstetrics and the Major Electives. The examination in Obstetrics may be absolved at the end of the third or during the fourth year.

Third year students who fail in two major subjects will be advised to withdraw from the School. Those who fail in either medicine or surgery and who stand low in other subjects will be required to stand a joint examination in medicine and surgery the following Fall before a committee consisting of the professors of both branches and one or more of the senior members of each staff. This examination will be oral and practical and, in case of failure, the student will be advised to withdraw from the School.

The estimation of the standing of each student is based upon the general character of his work, as well as upon the results of examinations. When the average standing falls below 75, the student will be notified at the end of the year.

Students not appearing for examination on the specified dates or coming up for re-examination will be required to pay a fee of $5.00 for each examination.

First and Second Years

The practical examination in microscopic anatomy will be held at the end of the second trimester of the first year, and in gross anatomy after the student has completed the dissection of the human body. The final examination in anatomy

must be taken not later than the end of the second trimester of the second year.

Final examinations in the other subjects will be given as follows:

Bacteriology: at the end of the third trimester of the first year.

Physiological Chemistry: Group A, at the end of the third trimester of the first year; Group B, at the end of the first trimester of the second year.

Physiology: at the end of the first trimester of the second year.

Pathology: at the end of the second trimester of the second year.

Pharmacology: at the end of the second trimester of the second year.

Third and Fourth Years

At the end of the third year, final examinations are held in obligatory obstetrics, gynecology, nervous diseases, clinical microscopy and surgical pathology.

At the end of the fourth year final examinations are held in medicine and surgery. In the elective courses and special branches, the examinations are held upon the completion of the work.

GENERAL PLAN OF INSTRUCTION

Each year is divided into trimesters, the first extending from October to the Christmas recess, the second from January to March 15, and the third from March 15, to the end of the academic year.

The first two years of the course are devoted mainly to the fundamental medical sciences, the larger part of the time being spent in practical work in the laboratories. In the last two years the various clinical branches are studied

in the wards of the Hospital, the dispensary, and in the clinical laboratories.

The principal studies of the first year are anatomy, histology, neurology, bacteriology, physiology, and physiological chemistry. The study of anatomy and of physiology is continued in the second year, together with general pathology, pathological anatomy and histology, pharmacology, and toxicology. During the last trimester of the second year instruction is begun in physical diagonsis and in certain surgical methods, as an introduction to the clinical work of the succeeding years.

The major portion of the work of the first two years is obligatory for all students, but the time is so arranged that certain elective courses may be selected; thereby making it possible either to give more time to the obligatory courses, or to do special work along related lines.

In these two years thirty units of work are required—the unit being a course or group of courses of instruction equivalent to five hours a week for one trimester. Consequently it is necessary for the students to take five units of obligatory and elective work during each trimester, in order to complete in two years the requirements for entrance upon the clinical studies. The system, however, permits him to spend an additional trimester or longer in the preparatory work, should it prove necessary or desirable.

As the third and fourth years are devoted to practical medicine, they can not be taken up until the student has obtained credit for the prescribed minimum of work in the underlying sciences.

The work of the third year is largely obligatory. The student attends the clinics and dispensary exercises in medicine and surgery, and completes the required work in obstetrics, gynecology, and nervous diseases.

For the morning work the class is divided into four groups. From 9 to 10 a. m. each group receives instruction in obstetrics, gynecology or surgery, and from ten o'clock to noon

the time is devoted to practical work in the medical, surgical and nervous departments of the dispensary. From 12 noon to 1 p. m. the entire class attends the amphitheatre clinics in medicine or surgery. The afternoons are devoted mainly to laboratory work in clinical microscopy and surgical pathology. Instruction is also given in practical therapeutics and pharmacy, thus completing the pharmacological work of the previous year. Moreover, short propadeutical courses are given to familiarize the student with the use of the ophthalmoscope and laryngoscope. On certain afternoons there are also offered a number of short elective courses of a practical character, and each student is required to select from them a sufficient amount of work to give him a credit of one and a half units.

The work of the fourth year is partly elective. For this purpose the class is divided into three groups, each working in rotation for one trimester in medicine, surgery, and in certain elective subjects.

Each student must complete 18 units of work during the year—the unit being a course or group of courses occupying six hours a week for one trimester. Twelve units are obligatory, and include six units in medicine (including pediatrics) three units in surgery, one unit in ophthalmology, one unit which may be selected from laryngology, dermatology, genito-urinary surgery, orthopedics or neurology; while another unit is based upon attendance upon a weekly amphitheatre clinic in medicine, and upon a group of lectures upon medical zoölogy, psychiatry, hygiene, medical jurisprudence and medical ethics.

The obligatory work in medicine, which includes a part of the required work in pediatrics, requires, at least, six hours of work a day for one trimester. The members of this group act as clinical clerks in the medical wards of the hospital, a certain number of beds being assigned to each student. They take the histories of the patients and make the necessary examinations and notes under the guidance

and direction of the resident staff. They accompany the physician-in-chief or some member of the senior staff in the daily ward-rounds, and receive special bedside and laboratory instruction.

In the surgical trimester, the student gives three hours a day to attendance upon ward-rounds, operations, and to work in the surgical laboratories. The members of this group act as surgical dressers in the wards. They make the morning visits with the surgeon-in-chief or a member of the senior staff, and have daily opportunities to become familiar with the diagnosis, management and progress of surgical cases. They are also given an opportunity to take an elective course in operative surgery upon animals.

The elective work is arranged in major, minor and fractional courses. The former occupy 3 or 2½ hours a day throughout one trimester, according as the classes are in the morning or afternoon, and count as 3 or 2½ units respectively. In the minor courses, which count as one unit, one hour a day, or two hours every alternate day, throughout one trimester, are devoted to the subject; while several fractional courses may be combined to make one unit. Students choosing such courses must register at the Dean's office and will be expected to complete them satisfactorily and to submit to an examination at their close. In fractional courses, which count as less than one-half of a unit, examinations will not be held, and regular attendance, properly certified by the instructor, will entitle the student to the allotted credit.

After having once been chosen, elective courses must be followed to the end of the trimester. These courses may continue the practical work in medicine, surgery, obstetrics, gynecology, etc., or may bear upon the various specialties, or may be taken in the laboratories of the underlying medical sciences.

To summarize, the time of each fourth-year student is apportioned as follows: trimester A, practical work in medi-

cine during the entire day; trimester B, practical work in surgery during the morning, and in the afternoons short courses in ophthalmology, and in one of the special branches of medicine; trimester C, six units of elective work. In other words, each student after completing certain minimal requirements (chiefly in medicine and surgery, may extend his knowledge by taking a number of short clinical courses in various branches, or he may concentrate his attention upon the work of a few departments.

CLINICAL OPPORTUNITIES

Satisfactory clinical facilities for ninety students in each class are afforded by the Johns Hopkins Hospital and Dispensary, which occupies a site of fourteen acres immediately adjoining the ground of the Medical School.

The Hospital is governed by its own Board of Trustees and has an endowment independent of that of the University and its Medical School, but the relations between the two institutions are most intimate; as the will of their founder directed that the Hospital should be a part of the Medical School of the University. The superintendent of the Hospital and the heads of its main departments are members of the Medical Faculty; while the incumbents of the chief clinical chairs of the University are also members of the Medical Board of the Hospital. This interlocking arrangement has resulted in the greatest possible utilization of the Hospital for the instruction of the third and fourth year students.

The Hospital is unusually well equipped and contains 600 beds, while its Dispensary is visited each day by more than 300 patients. In addition to the large administration building and the Marburg ward for private patients, the Hospital is made up of a group of buildings containing five large wards for white patients suffering from medical, surgical and gynecological diseases, a separate building for colored pati-

ents, an isolation and an obstetrical ward. Facilities for instruction in pediatrics, psychiatry and genito-urinary diseases are afforded by the Harriet Lane Home for Invalid Children, the Henry Phipps Psychiatric Clinic and the James Buchanan Brady Urological Institute. These three buildings are upon the Hospital grounds, and, while maintained by separate foundations, are conducted as integral parts of the Johns Hopkins Hospital.

In addition to the necessary buildings for the nurses' home, kitchen, laundry, etc., the following buildings also accupy the Hospital lot:—the Pathological and Clinical Laboratories, the general Dispensary, the Phipps' Dispensary for Tuberculosis, and the Surgical building. This latter contains not only the surgical operating rooms and amphitheatre, but also class rooms for instruction in medicine, as well as the laboratory for surgical pathology and the laboratories of the medical clinic.

Through the courtesy of the Supervisors of City Charities of Baltimore, the Johns Hopkins University has the privilege of utilizing for clinical instruction the patients in the various departments of the City Hospitals at Bay View. During the first trimester practical instruction in mental diseases is given to the fourth-year class; during the third trimester the wards of the general and tubercular hospitals are utilized for the instruction of the third-year students in medicine, surgery and pathology; and throughout the year elective courses in medicine are available to fourth-year students.

GENERAL INFORMATION

REGISTRATION

Students will not be admitted to the undergraduate courses until they have registered at the Dean's office and paid their fees for the first trimester.

Graduate students, after receiving permission from the heads of departments to enter any course under their supervision, must register at the Dean's office before beginning work. Upon payment of the requisite fee, a card will be issued stating the courses which the holder is entitled to take. This card must be presented to the instructor in charge of each course, in order that its holder may be recognized and receive due credit for his work.

CHARGES FOR TUITION

The charge for tuition is two hundred and fifty dollars per annum, payable in three installments, October, January and March 15. There are no extra charges, except for rental of microscope, laboratory breakage and certain expensive supplies. A deposit of ten dollars is required from each student at the time of enrollment. This caution money is repaid when the student leaves, if there are no charges against it.

The fees for graduate students and for physicians taking the summer courses will vary according to the character and number of the courses taken.

Bills may be paid at the Dean's office, or at the office of the Treasurer of the University, Homewood.

MICROSCOPES

The character of the work throughout the entire course requires the constant use of the microscope. Every student is

strongly recommended to purchase one, but those who do not care to do so may obtain one from the School upon the payment of a yearly rental of five dollars, with an additional charge of two dollars if an oil immersion lens is desired. Microscopes thus rented must be returned in good condition at the end of the year.

Dissecting microscopes may be rented at the rate of one dollar a year.

Microscopes are not provided in the graduate courses, but may be rented at the rates just stated. A deposit of $10.00 is required, which will be refunded if the microscope is returned uninjured.

SCHOLARSHIPS

Hopkins Scholarships

Six Hopkins Scholarships are open annually to students from Maryland, North Carolina and Virginia. These scholarships give free tuition for one year and are granted to deserving students who have shown marked aptitude in their work. Three are given to fourth-year students, two to third-year students and one to a second-year student. Applications should be addressed to the Dean of the Medical School not later than May first, in accordance with a prescribed form.

The Joseph Kernochan Garr Scholarship

Through the kindness of Mrs. Henry Lee Smith, of Baltimore, the Medical Faculty is enabled to offer a scholarship amounting to $100 a year to aid a deserving student. The scholarship is known as "The Joseph Kernochan Garr Scholarship." Applications should be addressed to the Dean on May first of each year.

HOSPITAL APPOINTMENTS

At the close of the academic year in June, sixteen or more unmarried members of the graduating class are recommended to the Trustees of the Johns Hopkins Hospital for appointment as Resident House Officers, to serve for one year from the following first of September.

The selection is made as follows: (1) Not later than December 15 of each year a notice is sent to the unmarried members of the graduating class giving the number of house officers to be appointed in each service for the following year, and requesting those desiring such posts to present their written applications in person to the Superintendent of the Johns Hopkins Hospital not later than January 1, stating what service is preferred. A second or third choice may be indicated if desired. The applications will be considered at a special meeting of the Faculty to be held prior to January 15.

(2) The applicants for each service will be selected according to their standing, based upon the work of the first three years, although the Faculty reserves the right to take into consideration the personal fitness of the applicants.

The individual standing of the students will not be posted, but they will be informed whether they stand in the first, second or last third of the class. Should the necessary number of house officers not be obtained from the first group, the remainder may be selected without regard to their standing.

One or more places on each staff may be awarded, if so desired by the head of the department, to graduates from other schools or to earlier graduates of the Johns Hopkins Medical School. After confirmation by the Trustees of the Johns Hopkins Hospital, such appointees assume their duties on September 1.

The appointments of the resident physician, surgeon, gynecologist and obstetrician, etc., of the Johns Hopkins Hos-

pital are permanent. The various resident assistantships under these are annual appointments, subject to renewal.

MEDICAL SUPERVISION OVER STUDENTS

The University appoints and pays an official medical adviser to the students of the Medical Department. This officer has a definite hour for consultation, and, when requested, is expected to visit in their own homes such students who are too ill to come to him, and to obtain for them the services of specialists when necessary.

Dr. Arthur L. Bloomfield, the Resident Physician to the Hospital, holds this position for the current academic year.

In order to guard more carefully the health of the students, the Medical Faculty decided in 1909, that all entering students should undergo a medical examination. During the month of October each student is directed to report to one of a group of physicians selected for this purpose, when a careful physical examination is made and the results are recorded and placed on file. If unsatisfactory conditions are discovered the student is given appropriate advice.

A competent physician is also appointed to supervise the hygienic condition of all boarding houses which advertise through the office for the patronage of students. A list of such houses as satisfy his requirements is posted in the office of the Medical School.

LIBRARIES

The University Library contains 200,917 volumes, selected with especial reference to the instruction here given. It is arranged in several collections.

The works relating to medicine are placed in special libraries in the Hospital and in the Medical School, and are

readily accessible to students and to the workers in the laboratories. The leading medical periodicals of the world are regularly received and complete sets of the more important journals are on the shelves.

The library of the Medical and Chirurgical Faculty of Maryland, 1211 Cathedral Street, contains 32,893 volumes, and is conducted in affiliation with the library of the Medical School. Other libraries of Baltimore are the Peabody, the Enoch Pratt, and the New Mercantile, with 228,717, 346,104 and 92,753 volumes respectively. With the exception of the last-named, these libraries are open to students of the Medical School without charge.

Washington is so near that its libraries and museums may be easily utilized. Among the chief institutions of interest to students are: The Smithsonian Institute and National Museum, the Library of Congress, the Library of the Surgeon-General's office, and the Libraries of the various Departments and Bureaus.

MEDICAL SOCIETIES

The Hospital Medical Society, the Laennec Society and the Historical Club meet at the Hospital regularly throughout the academic year. These, as well as the regular meetings of the Baltimore City Medical Society, held in the Medical and Chirurgical Building, are open to students.

PUBLICATIONS

The Bulletin of the Johns Hopkins Hospital, issued monthly, contains articles by those connected with the Medical School and Hospital and the proceedings of the Hospital Societies. The Johns Hopkins Hospital Reports contain the large monographs and results of researches in the Hospital and the laboratories of the Medical School.

DEPARTMENTS OF INSTRUCTION AND ANNOUNCEMENT OF COURSES

DEPARTMENTS OF INSTRUCTION

The following statements are designed to exhibit the opportunities and the character of the instruction and practical work in each department.

ANATOMY

Franklin P. Mall, M. D., Professor of Anatomy.
Warren H. Lewis, M. D., Professor of Physiological Anatomy.
Florence R. Sabin, M. D., Professor of Histology.
Lewis H. Weed, M. D., Associate Professor of Anatomy.
Omer Van der Stricht, M. D., Lecturer in Anatomy.
Charles C. Macklin, M. D., Associate in Anatomy.
Robert S. Cunningham, M. D., Instructor in Anatomy.
Eldon W. Sanford, Ph. D., Assistant in Anatomy.

Courses of instruction are provided in various anatomical sciences—embryology, histology, microscopic anatomy, neurology and gross human anatomy—and opportunities are afforded for advanced work and investigation in these sciences.

The required courses (I, II, III and IV) for candidates for the degree of Doctor of Medicine may be completed during the first year of the medical course.

Physicians and students not candidates for a medical degree may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

Required Courses

I. Systematic Course in the Anatomy of the Human Body. Professors Lewis and Weed, Dr. Macklin, and Dr. Cunningham. Autumn trimester, daily 9-12.

II. Systematic Course in the Anatomy of the Human Body. Continuation of Course I. Professors Lewis,

and Weed, Dr. Macklin, and Dr. Cunningham. Winter trimester, daily 9-12.

In courses I and II the student makes a complete dissection of the lateral half of the body, using atlases and textbooks as guides. The work of each student is largely independent.

III. Histology, Organology and Neurology. Professors Mall, Sabin, Van der Stricht, and Dr. Sanford. The course in histology is given in the first two trimesters of the first year. Autumn trimester, laboratory work, Monday, Wednesday and Friday, 2-5; lecture, Thursday, 2-3. Winter trimester, laboratory work, Monday and Wednesday, 2-5; lecture, Tuesday, 2-3.

The object of the course is to give the student a familiarity with the normal appearances of the tissues of the body. The lectures are to correllate what the student sees under the microscope with our knowledge of the function of cells. The laboratory work consists in training in the use of the microscope for the study of the tissues of the body and their relations in organs. Stress is laid on the relation of the microscopical to the macroscopical appearance of specimens. Fresh tissue is used in reference to evidence of cellular function; the technique of cutting frozen sections is given and students are taught the use of stains for the purpose of analyzing the characteristics of particular cells and the differences between cells. In connection with the laboratory course demonstrations are given which are designed to illustrate the range of histological technique.

IV. Organology and Neurology. Professors Mall, Sabin, and Van der Stricht, and Dr. Sanford. Monday and Wednesday, 2-5. Lectures, Professor Sabin. Tuesday, 2-3. Winter trimester.

The anatomy of the nervous system is given as a part of the work in organology. The laboratory work is intended to give the student a knowledge of the position and relations of the nuclei and the tracts of the brain and cord as far as

they can be made out in gross specimens and in dissections. This is supplemented by the study of serial sections and by demonstrations which cover especially the methods of degeneration and successive myelenization. The lectures are a guide to the laboratory course and aim to present the type of evidence on which our present conceptions of the nervous system are based.

Elective Courses

V. Physiological Anatomy. Professor Lewis. Autumn and Winter trimesters. Tuesday, 12-1.

VI. Study-Room. Autumn and Winter trimesters, daily, 9-12.

VII. Topographical Anatomy. Dr. Cunningham. Winter trimester, daily, 9-12.

VIII. Neurology. Professor Weed. Original investigation.

IX. Advanced Human Embryology. Professor Mall. Autumn, Winter and Spring trimesters.

X. Development of the Osseous System. Dr. Macklin. Autumn and Winter trimesters.

XI. Development of the Vascular System. Professor Sabin. Original investigation. Autumn, Winter and Spring trimesters.

XII. Original Investigation. Autumn, Winter and Spring trimesters, daily.

XIII. Gross Anatomy for Graduates in Medicine. Professor Lewis. Fall, Winter and Spring trimesters. Hours and fee arranged with the instructor.

PHYSIOLOGY

William H. Howell, M. D., Professor of Physiology.
Donald R. Hooker, M. D., Associate Professor of Physiology.
Charles D. Snyder, Ph. D., Associate Professor of Physiology.
C. Vernon Lynch, A. B., Assistant in Physiology.
Philip S. Evans, Jr., Assistant in Physiology.

The course in physiology extends from January of the first year to January of the second year.

The work consists of a systematic course of lectures or conferences covering the subject of animal physiology, experimental work in the laboratory, demonstrations and recitations. Recitations are held upon the subject-matter covered by the lectures and laboratory work.

The course as arranged for 1917-1918 is as follows:

I. Physiology of Secretion, Digestion and Nutrition—1917. Twice weekly from October to January. Second year class. Section A, Dr. Howell; Section B, Dr. Hooker; Section C, Dr. Snyder.

II. Laboratory Courses in Experimental Physiology. Drs. Howell, Hooker, Snyder, and Lynch. Two mornings and two afternoons weekly during the first and the third trimesters. Half of the class takes this course in the third trimester of the first year, and the other half during the first trimester of the second year. This laboratory course is arranged to occupy twelve hours a week for about twelve weeks.

III. Physiology of Muscle and Nerve, Central Nervous System, and Special Senses—1918. Three times weekly during the second trimester. First year class. Section A, Dr. Howell; Section B, Dr. Hooker; Section C, Dr. Snyder.

IV. Demonstrations—1918. Once weekly during the second trimester. Mr. Lynch.

V. Physiology of Blood, Circulation and Respiration—1918. Twice weekly during the third trimester. First

year class. Section A, Dr. Hooker; Section B, Dr. Snyder; Section C, Dr. Howell.

In addition to the foregoing exercises, students are given opportunities to participate in the more advanced courses, intended primarily as graduate work. These courses are as follows:

VI. Journal Club. One hour weekly during the year. Those who participate in the work of this course are expected to report from time to time upon papers of physiological interest that may appear in current journals.

VII. Advanced Laboratory Courses. This course is not limited as to time or amount of work except that assistance from the professor of physiology must be arranged for by definite engagements. The instruction is given individually and may involve undertaking a definite investigation.

PHYSIOLOGICAL CHEMISTRY

Walter Jones, Ph. D., Professor of Physiological Chemistry.
D. Wright Wilson, Ph. D., Associate Professor of Physiological Chemistry.

Instruction in this branch is given by laboratory work, lectures, demonstrations, and conferences of a less formal character. The work in the laboratory is conducted in two sections which meet in the third trimester of the first year, and in the first trimester of the second year respectively. The exercises are conducted on Tuesdays and Thursdays, from 10 to 1 in the morning, and from 2 to 5 in the afternoon.

I. Laboratory Work. Professors Jones and Wilson.

(*a*) A short preliminary course on the chemistry of various substances, such as proteins, fats and carbohydrates, which are usually not familiar to the student of pure chemistry but which should be understood in order that he may intelligently execute the work that follows.

(*b*) A course of qualitative analysis in which some examination is made of nearly every tissue and fluid of the body. Blood, liver, milk (colostrum), muscle, gastric juice, adipose tissue, bone and bile receive special attention, and whenever material is available a study is made of pathological fluids and concretions. The order adopted in the consideration of the chemical topography of the body is such as to emphasize as far as possible, the chemical processes which are going on in the body.

(*c*) A study of those physiological chemical processes that can be closely imitated outside the body, as the action of enzymes, salivary, pancreatic, and gastric digestion.

(*d*) Class experiments. Demonstrations by the instructor in which the entire class usually takes part.

(*e*) Quantitative analysis. Determination of normal and pathological constituents of urine, analysis of milk, gastric juice, stomach-washing, air, water, and foods. Students are required to execute various metabolism experiments in order to familiarize themselves with the chemical technique and with the problems of dietetics, etc., involved in such work.

(*f*) Examination of the fæces with special references to puterfactive processes.

II. Conferences. Professor Wilson. Informal conferences are held at which the laboratory work is discussed and the progress and needs of the students are considered. Here also the recent literature that bears directly on the work is reviewed.

III. Lectures. Professor Jones. A brief survey of the entire province of physiological chemistry. Emphasis is given to that part of the subject which for obvious reasons must be omitted from a laboratory course.

Graduate Work

Physiological Chemistry, *Elementary.* March 15 to June 1. Professor Jones.

A limited number of physicians or others who have had

the requisite preliminary training in chemistry will be received for the laboratory course and lectures given to the medical students. Fee $25.00.

PHYSIOLOGICAL CHEMISTRY, *Advanced.* Professors Jones and Wilson.

Those who have the necessary preliminary training and who desire to do work of a special character will be received at any time during the academic year. Fee $50.00, for the year.

PHARMACOLOGY, EXPERIMENTAL THERAPEUTICS, TOXICOLOGY AND PHARMACY

JOHN J. ABEL, M. D., Professor of Pharmacology.
ELI K. MARSHALL, JR., Ph. D., Associate Professor of Pharmacology
PAUL D. LAMSON, M. D., Associate in Experimental Therapeutics.
CHARLES A. ROUILLER, Ph. D., Associate in Pharmacology.
CARL BINGER, M. D., Assistant in Pharmacology.
ALFRED C. KOLLS, M. D., Assistant in Pharmacology.

DAVID I. MACHT, M. D., Lecturer in Pharmacology.

CHARLES CASPARI, JR., Lecturer in Pharmacy.

I. PHARMACOLOGY. An elective course in this subject occupying one afternoon a week is offered in the second trimester of the second year. The physiological action of a selected list of drugs and poisons is made the subject of this course and the afternoon's work, performed by the student under the immediate supervision of the instructor, is preceded by brief statements of the significance and bearing of the experiment in hand. The aim of this course is to give a clear idea of the general principles and of the more important phenomena involved in the study of pharmacology.

A course of lectures with demonstrations and recitations covering the subject of pharmacology is given during the first and second trimesters. In the first trimester the course is given from 10 to 11 a. m., two days of the week, and in the second trimester from 12 to 1, three days of the week. It is

the purpose of this course to treat the subject in a manner adapted to the needs of the medical student. As this course requires much outside reading it will be estimated at one and two-fifth units.

In the third trimester a course of lectures and demonstrations is given once a week on prescription writing and the dosage of the more important pharmacopœial preparations.

Experimental therapeutics is carried on as part of the research work of the department.

II. Toxicology. An elective laboratory course in this subject is offered in the second trimester. This course occupies one afternoon a week during the trimester and deals with the subjects both from the chemical and medical points of view.

III. Pharmacy. Pharmacy is treated by Professor Charles Caspari, Jr., in a course of demonstrations and lectures, once weekly for three months. Weights and measures, incompatibles, special points relating to prescriptions and the official pharmacopœial preparations are fully dealt with. The more important preparations are made before the class.

IV. Practical Course in Pharmacy. An elective course designed especially for students of the second year, is given by Professor Caspari and his assistant, on Mondays at 3 p. m. during the third trimester. All typical pharmacopœial preparations are made and typical prescriptions are compounded by each student. One-half unit.

Graduate Work

Pharmacology and Experimental Therapeutics, *Advanced.* Professor J. J. Abel and members of the staff.

Those who have had the necessary preliminary training and who desire to do work of a special character may be received at any time during the academic year.

PATHOLOGY AND BACTERIOLOGY

William G. MacCallum, M. D., Professor of Pathology.
Admont H. Clark, M. D., Associate in Pathology.
Harry C. Schmeisser, M. D., Associate in Pathology.
Stanhope Bayne-Jones, M. D., Associate in Pathology and Bacteriology.
Samuel Goldschmidt, M. D., Instructor in Pathological Chemistry.
J. Howard Müller, Ph. D., Instructor in Pathology.
H. Hays Bullard, M. D., Instructor in Pathology.
Lloyd D. Felton, M. D., Assistant in Pathology and Bacteriology.
Paul W. Christman, M. D., Assistant in Pathology.
William C. von Glahn, M. D., Assistant in Pathology.
Esau A. Greenspon, M. D., Assistant in Pathology.
Ruth A. Guy, M. D., Assistant in Bacteriology.

General bacteriology is taught in the third trimester of the first year; general pathology, during the first and second trimesters of the second year. The course in bacteriology is introductory and concerned with methods and the study of bacteria in general and in their relation to disease. The course in pathology is based upon previous studies of anatomy, physiology, and chemistry and is meant to present the anatomical, chemical, and functional changes which occur in human disease. In the case of infectious diseases, the pathogenic organisms are restudied in connection with the disturbances which they produce. The laboratory is well equipped for teaching and research in bacteriology and parasitology, pathological anatomy, experimental pathology, and pathological chemistry.

I. Bacteriology. Dr. Bayne-Jones and members of the staff. Third trimester of the first year (March 15-June 1), Monday afternoon, Wednesday and Friday mornings. The student is required to familiarize himself practically with the sterilisation of glassware, the making of culture media, the cultivation and study of various bacteria, including especially the pathogenic forms. The course is essentially a practical one and is intended to teach the methods by which the characteristics of the bacteria, their effects upon the body, and

the general reactions of the body are studied. While many of the important organisms concerned in disease may be used as examples in such a technical course, the more minute consideration of each is planned in connection with the anatomical study of the disease itself. During the course, lectures are given, devoted mainly to infection and immunity. Prof. Welch and Prof. Ford have promised to lecture from time to time on selected topics in this field.

II. Autopsies. Dr. MacCallum and staff. The greatest stress is laid upon the close attendance upon autopsies, and students are permitted to assist and to learn in this way the methods of making such examinations and of recording the results in proper protocols. Since it is thought important to consider each disease as a whole, the autopsies form the basis of the plan of case teaching, which supplements the general systematic course.

III. Demonstrations in Gross Morbid Anatomy. Dr. MacCallum and staff, 12-1 twice a week in two divisions during the first, and 9-10 during the third trimester, and three times a week from 10-12 in three divisions during the second trimester, in the pathological laboratory and at Bay View.

The fresh anatomical material collected during the week is demonstrated to students of the second year, affording them abundant opportunity to familiarize themselves with the normal and abnormal texture of the organs.

IV. General Pathology and Pathological Anatomy. Prof. MacCallum, Dr. Clark, and staff. Monday, Wednesday, and Friday afternoons 2-5 during the first and second trimesters of the second year. This is a practical laboratory course in which, after a brief introductory lecture, the student is given for study, each afternoon, gross and microscopical preparations which illustrate, in a systematic way, the pathological processes met with in human disease. Wherever practicable, experimental demonstrations are introduced, and the bacteriological aspects of infectious diseases are emphasized and practically studied.

V. Recitation. Prof. MacCallum. Mondays at 12 during the first trimester and on Tuesday at 12 during the second trimester. These weekly recitations are intended as a review of the work of the previous week and afford an opportunity for the discussion of obscure points or difficulties. On occasions, certain subjects may be assigned for discussion by one or more students, as an exercise in consulting the literature of that subject.

VI. Clinical and Pathological Conference. Wednesday at 12 m. throughout the year. (See Department of Medicine, page 91.)

VII. Advanced Work and Special Research. Opportunity is offered to those suitably trained to pursue advanced work or specialized research in pathological anatomy, experimental pathology, or bacteriology. For these purposes there is adequate space and equipment.

VIII. Immunology and Advanced Bacteriology. Dr. S. Bayne-Jones, Dr. Felton, and staff. Recent donations to the department have established a new laboratory for investigation in immunology and special bacteriology. As the efforts of this department will be directed to the study of problems in infectious diseases, the work will supplement that of the course in general bacteriology and will include serological procedures of especial clinical significance. A course in serum-study and advanced bacteriology will be offered to students, for the purpose of providing them with an opportunity to gain laboratory experience in the fundamental and recent methods of immunology. This course will be open to a limited number of students of the third and fourth year classes, and will be offered during the Second Trimester on Wednesdays and Fridays from 2-5 p. m. Facilities will be provided at all times for students who wish to conduct independent investigations in this subject.

Experimental Pathology

A separate laboratory has been established for courses in experimental pathology, and, in addition to such experimental

demonstrations as are given in the general course in pathology, there is offered a special course, devoted to the study of selected topics in the field of pathological physiology. This course, which is open to a limited number of adequately trained students, will consist of informal lectures, experiments, and demonstrations, given during the second trimester on Thursdays, 9-12 a. m.

The main object of the course is to give students some training in the methods of experimental research, and to encourage those who are especially fitted, to proceed with the investigation of problems which arise in the course of their work, or which are suggested in conference. It is probable, that the subjects of the course will be closely related to the problems which are being studied by members of the staff.

Graduate Work

PATHOLOGY. A limited number of physicians will be received during the year in the courses in bacteriology and pathology. Fee for the year $50.00, for half year $25.00. Apply to Professor MacCallum.

MEDICINE

(INCLUDING WORK IN THE CLINICAL LABORATORIES)

THEODORE C. JANEWAY, M. D., Professor of Medicine.
HERMAN O. MOSENTHAL, M. D., Associate Professor of Medicine.
PAUL W. CLOUGH, M. D., Associate Professor of Medicine.
CLYDE G. GUTHRIE, M. D., Associate Professor of Medicine.
ALLEN K. KRAUSE, M. D., Associate Professor of Medicine.
N. WORTH BROWN, M. D., Lecturer in Medicine.
THOMAS P. SPRUNT, M. D., Associate in Medicine.
ARTHUR L. BLOOMFIELD, M. D., Associate in Medicine.
EVELETH W. BRIDGMAN, M. D., Instructor in Medicine.
ROBERT L. LEVY, M. D., Instructor in Medicine.
MARJORIE D. BATCHELOR, M. D., Instructor in Medicine.
DAVID W. CARTER, JR., M. D., Instructor in Medicine.
FRANK A. EVANS, M. D., Instructor in Medicine.

Isidore I. Hirschman, M. D., Instructor in Medicine.
Mildred Clark Clough, M. D., Instructor in Medicine.
Henry B. Richardson, M. D., Assistant in Medicine.
Alma Hiller, B. A., Assistant in Medicine.
Linda B. Lange, M. D., Assistant in Medicine.
Alan C. Sutton, M. D., Assistant in Medicine.
Fred H. Kruse, M. D., Assistant in Medicine.
George A. Harrop, M. D., Assistant in Medicine.

Lewellys F. Barker, M. D., Professor of Clinical Medicine.
William S. Thayer, M. D., Professor of Clinical Medicine.
Thomas B. Futcher, M. D., Associate Professor of Clinical Medicine.
Thomas R. Boggs, M. D., Associate Professor of Clinical Medicine.
Louis Hamman, M. D., Associate Professor of Clinical Medicine.
Frank R. Smith, M. D., Associate in Clinical Medicine.
Thomas R. Brown, M. D., Associate in Clinical Medicine.
John A. Luetscher, M. D., Associate in Clinical Medicine.
Louis P. Hamburger, M. D., Associate in Clinical Medicine.
Charles R. Austrian, M. D., Associate in Clinical Medicine.
Walter A. Baetjer, M. D., Associate in Clinical Medicine.
J. Hall Pleasants, M. D., Instructor in Clinical Medicine.
J. Albert Chatard, M. D., Instructor in Clinical Medicine.
Samuel Wolman, M. D., Instructor in Clinical Medicine.
Henry L. Smith, M. D., Instructor in Clinical Medicine.
Charles W. Larned, M. D., Instructor in Clinical Medicine.
John H. King, M. D., Instructor in Clinical Medicine.
David I. Macht, M. D., Instructor in Clinical Medicine.
Robert W. B. Mayo, M. D., Instructor in Clinical Medicine.
Sydney R. Miller, M. D., Instructor in Clinical Medicine.
Albert Keidel, M. D., Instructor in Clinical Medicine.
Martin F. Sloan, M. D., Instructor in Clinical Medicine.
Mary A. Hodge, M. D., Instructor in Clinical Medicine.
John T. King, Jr., M. D., Instructor in Clinical Medicine.
Eugene J. Leopold, M. D., Assistant in Clinical Medicine.
Caroline B. Towles, M. D., Assistant in Clinical Medicine.
Edward V. Coolahan, M. D., Assistant in Clinical Medicine.
Alma S. Rothholz, M. D., Assistant in Clinical Medicine.

The teaching is in the dispensary, in the clinical laboratories, in the wards, and in the clinical amphitheatre. Emphasis is laid on practical instruction, by which the student is brought directly in contact with the patients and taught from the outset how to recognize and treat disease as it occurs in nature not in books.

A. *Primarily for Students of the Third Trimester of the Second Year.*

1. Introduction to Clinical Medicine. Two clinics or conferences a week are held by Professor Janeway at which cases illustrating important groups of diseases or showing striking symptoms are presented and discussed from the standpoint of the student's knowledge of physiology and general pathology.

2. Physical Diagnosis.

a. *Practical Instruction.* In small groups twice a week from 10 to 12. Dr. Bridgman, with the assistance of Drs. Hamburger, Austrian, Pleasants, Chatard, Wolman, Carter, and J. T. King, Jr.

b. *Demonstrations.* Two hours weekly. Dr. Bridgman.

c. *Recitation.* One hour weekly. Dr. Bridgman.

3. Practical Clinical Instruction.

In sections, daily, from 10 to 12. Each sixth of the class will make a ward visit twice a week with one of the Associate Professors, and will receive instruction in the medical dispensary during a portion of the trimester.

B. *Primarily for Students of the Third Year.*

4. Physical Diagnosis. During the first and second trimesters.

a. *Practical Instruction.* In small groups, two hours four times a week for one-sixth of the year. Dr. Bridgman, with the assistance of Drs. Hamburger, Pleasants, Chatard, Wolman, Carter, J. T. King, Jr., and Hirschman.

b. *Recitation.* One hour weekly, first and second trimesters. Dr. Bridgman.

5. Practical Clinical Instruction. In sections, Mondays, Wednesdays, Thursdays, and Saturdays, from 10 to 12. Each quarter of the class will make a ward visit or assist in the medical dispensary twice a week, for one-third of the year, under the direction of one of the Associate Professors.

6. Clinical Instruction at Bay View. During the third trimester each quarter of the class spends one morning a week at the City Hospital, Bay View, under the direction of Associate Professor Boggs.

7. Laboratory Diagnosis.

Associate Professor Guthrie, assisted by Drs. W. A. Baetjer, S. R. Miller, F. A. Evans, and M. D. Batchelor, conducts throughout the year, a course in microscopical and chemical diagnosis. For this work, three lectures and two afternoons a week in the laboratory are required. The course is a systematic one in which the students are trained in the clinical methods of examining sputum, gastric contents, urine, fæces, and blood, utilizing the material obtained from the wards for the practical work.

Under the subjects of blood and fæces particularly, attention is given to the diagnosis of the various parasitic infections important clinically, with a consideration of the parasites and carriers concerned, as an introduction to Tropical Medicine.

Considerable practical work is required outside of the regular class hours.

Two of the large rooms of the clinical laboratory are devoted exclusively to the third year students. Each student has his own place in the laboratory, with locker, microscope, reagents, etc.

8. Clinical Medicine.

a. *Clinical Lectures and Conferences.* The important groups of disease will be presented and discussed in two clinical lectures and one conference a week during the first half-year, and one clinical lecture and one conference a week during the second half-year, by Professor Thayer, Associate Professors Mosenthal, Futcher and Clough, and Drs. T. R. Brown and Austrian.

b. *Dispensary Clinics.* Associate Professor Hamman on Thursday at 12 throughout the year, and Associate Professor Futcher on Monday at 12 for the third trimester, will hold

a clinic at the close of the practical instruction in the dispensary.

c. *The Saturday Clinic.* On Saturdays at noon the third year students meet with those of the fourth year for a general clinic in the medical amphitheatre of the hospital. Professor Janeway, first and second trimesters; Professor Barker, third trimester.

9. THERAPEUTICS. Dr. Bloomfield, assisted by Dr. Levy.

a. *Demonstrations* once a week throughout the year. Practical demonstrations of the various therapeutics procedures, such as bleeding, aspiration, and paracentesis, the simpler hydrotherapeutic procedures, etc. The general care of patients and the treatment of special diseases is considered; dietetic treatment and the preparation of the simpler foods are described. The various groups of drugs are studied from the standpoint of their indications and the methods of their use in the treatment of disease, and the students observe their effects as employed in the regular treatment of the patients in the medical wards of the hospital.

b. *Recitation* once a week for the third trimester.

10. SYPHILIS. Clinical lecture, Tuesday from 4.30 to 5.30, during the first trimester. Dr. Keidel.

11. TUBERCULOSIS. Lecture, Tuesday, from 4.30 to 5.30, during the second trimester. Associate Professor Krause.

12. ELECTIVE COURSES. During the third trimester.

a. *Tuberculosis.* In the Phipps Dispensary, Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, limited to six students. Dr. Austrian.

b. *Diseases of the Cardio Vascular System.* In the dispensary and heart station, Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, limited to six students. Drs. Bridgman, Brown, and Richardson.

c. *Diseases of the Stomach and Intestines.* Mondays and Wednesdays, from 10 to 12. Dr. T. R. Brown.

d. *Diseases of Metabolism.* In the dispensary, Tuesdays, from 10 to 12, limited to four students. Associate Professor Mosenthal.

e. *The Cardiac Arrhythmias.* Lecture, Fridays at 4.30, during the second trimester. Dr. Bridgman.

f. *Summer Work in the Dispensary.* After the completion of the second and third years the students have an opportunity to assist in the dispensary during the summer months. Associate Professors Futcher and Hamman.

g. *Advanced Work and Research.* (See page 93.)

C. *Primarily for Students of the Fourth Year.*

The students are divided into three equal groups, each group serving for one trimester, successively, in the medical, surgical, and elective divisions of the hospital.

13. Ward Work. The members of each medical group serve for a trimester as clinical clerks in the medical wards of the hospital, to which they have access from 9 a. m. to 5 p. m. A number of beds are assigned to each student, who takes the histories and makes the necessary examinations under the guidance and direction of the medical staff.

Each clinical clerk also serves as assistant in the medical dispensary two mornings a week, where he takes the histories and conducts the examination of new patients under the supervision of the physician-in-charge and the dispensary staff.

In addition to the ordinary routine work, each student is encouraged to make studies with some especial method and to make a report of his experiences with it.

14. Ward Classes. Every morning, at 9, a ward visit is made by the Professor, one of the Associate Professors or Clinical Professors, or the Resident Physician.

15. The Saturday Clinic. At 12 o'clock on Saturday, the fourth year students attend a general medical clinic in the amphitheatre. The clinical clerks read the histories of the new cases brought before the class, and report on the progress of cases previously shown. Professor Janeway, first and second trimesters; Professor Barker, third trimester.

16. Clinical and Pathological Conference. At 12

o'clock on Wednesday, a clinical and pathological conference is held throughout the academic year in the pathological laboratory. Professor Janeway, first and second trimesters; Professor Thayer, third trimester; with Professor MacCallum.

17. Advanced Medical Clinic. Elective. At 12 o'clock on Tuesday during the first and second trimesters, Professor Barker will give clinical lectures in the amphitheatre on selected topics.

18. Dispensary Consultation Clinic. Elective. At 12 o'clock on Tuesday during the first and second trimesters, Professor Janeway will hold a consultation in the dispensary, at which the clinical clerks on duty will present their cases for review.

19. Disorders of Metabolism. Elective course. Associate Professor Mosenthal. A few properly qualified students will be accepted for practical work in the dispensary, Tuesdays from 10 to 12, and to undertake special investigations in the chemical laboratory.

20. Medical Bacteriology. Elective course. Drs. P. W. and M. C. Clough and Sutton. Practical work open to members of the medical section each trimester. At suitable times opportunity will be afforded to small groups to familiarize themselves with the technique of the various diagnostic procedures carried on in the bacteriological laboratory. Informal talks and laboratory demonstrations will be given.

21. Advanced Course in the Phipps Dispensary for Tuberculosis. Elective course. Associate Professor Krause and Dr. Austrian. Second trimester. Limited to four students.

a. Clinical portion, Tuesdays and Fridays, 10 to 12 m.

b. Laboratory portion, two mornings a week from 10 to 12.

22. Extramural Course in the Study of Tuberculosis. At the City Hospital, Bay View. Elective course. Dr. Wilson. Limited to eight students.

23. Diseases of the Stomach and Intestines. Elective course. Fridays from 12 to 1, during the third trimester. Dr. Brown.

24. Diagnosis and Treatment of Some Minor Ailments. Elective course. Tuesdays, 12 to 1, third trimester. Dr. Hamburger.

25. The Cardiac Arrhythmias. Elective course. Lecture Fridays at 4.30, second trimester. Dr. N. W. Brown.

26. Syphilis. Elective course.

a. *Clinic.* Thursdays from 4 to 5 p. m., during the year. Dr. Keidel.

b. *Practical Work* in the syphilis department of the dispensary, Tuesdays, Thursdays and Saturdays, from 2 to 3.30. Dr. Keidel.

27. Advanced Work and Research. Students of the third and fourth years may, if fitted for it and with the permission of Professor Janeway, undertake advanced work and research in internal medicine (see below).

Graduate Work.

28. Medicine, Elementary. A limited number of physicians may be admitted as auditors to the ward classes and clinics of the third and fourth years. They may also be admitted to elective courses, when vacancies exist. It is impossible to admit graduate students to any of the practical courses during the regular academic year. Fee $100.00 for the entire year; $50.00 for half a year. Applications should be made to Professor Janeway.

Beginning June first, various courses are offered to graduates in medicine, as designated on page 115.

29. Medicine, Advanced Work and Research. Physicians properly trained in fundamental methods who are desirous of pursuing some definite lines of investigation may be admitted to the clinic as voluntary assistants. The facilities available for this purpose comprise the medical wards of the hospital, the medical dispensary service, and the fol-

lowing laboratories of the clinic: the general clinical laboratory, the chemical laboratory, the biological and bacteriological laboratories, the heart station, the Kenneth Dows Laboratory for Tuberculosis, and the Hunterian Laboratory of Experimental Medicine.

DISEASES OF THE NERVOUS SYSTEM

Henry M. Thomas, M. D., Clinical Professor of Neurology.
G. Lane Taneyhill, M. D., Instructor in Clinical Neurology.
Charles M. Byrnes, M. D., Instructor in Clinical Neurology.
Daniel D. V. Stewart, M. D., Assistant in Clinical Neurology.

The following required courses are given:

For students of the third trimester of the Second Year.

I. Introduction to Neurology, Friday, 3 to 4 p. m.

II. The class is divided into six groups and each group works in the neurological dispensary from 10 a. m. to 12 m., once a week during the third trimester.

For students of the third year.

III. Practical work. The class is divided into four sections and each section works in the neurological dispensary from 10 a. m. to 12 m., twice a week for one trimester year, and once a week during the third trimester.

IV. Recitation or clinic. Friday, 12 to 1 p. m., after April 1.

The following elective course is offered during the fourth year:

Nervous dispensary. Daily, 10 to 11 a. m., repeated each trimester.

SURGERY

William S. Halsted, M. D., Professor of Surgery.
George J. Heuer, M. D., Associate Professor of Surgery.
Emil Goetsch, M. D., Associate in Surgery.
Walter E. Dandy, M. D., Instructor in Surgery.
Mont R. Reid, M. D., Instructor in Surgery.
Charles A. Waters, M. D., Instructor in Roentgenology.

Ernest G. Grey, M. D., Instructor in Surgery.
Adrian S. Taylor, M. D., Assistant in Surgery.

John M. T. Finney, M. D., Professor of Clinical Surgery.
Joseph C. Bloodgood, M. D., Associate Professor of Clinical Surgery.
Frederick H. Baetjer, M. D., Associate Professor of Roentgenology.
Richard H. Follis, M. D., Associate in Clinical Surgery.
N. E. B. Iglehart, M. D., Instructor in Clinical Surgery.
Omar B. Pancoast, M. D., Instructor in Clinical Surgery.
William A. Fisher, M. D., Instructor in Clinical Surgery.
J. Staige Davis, M. D., Instructor in Clinical Surgery.
Bertram M. Bernheim, M. D., Instructor in Clinical Surgery.
Harvey B. Stone, M. D., Instructor in Clinical Surgery.
Harry L. Homer, M. D., Assistant in Clinical Surgery.
J. William Pierson, M. D., Assistant in Clinical Roentgenology.

Urology

Hugh H. Young, M. D., Clinical Professor of Urology.
John T. Geraghty, M. D., Associate Professor of Clinical Urology.
David M. Davis, M. D., Associate in Urology.
William A. Frontz, M. D., Instructor in Urology.
J. A. Campbell Colston, M. D., Instructor in Urology.
Frederick W. Hobelmann, M. D., Instructor in Clinical Urology.
Jonathan E. Burns, Jr., M. D., Instructor in Urology.

Orthopedic Surgery

William S. Baer, M, D., Associate Professor of Clinical Orthopedic Surgery.
DuMont F. Elmendorf, M. D., Assistant in Orthopedic Surgery.
George E. Bennett, M. D., Associate in Clinical Orthopedic Surgery.
Roades Fayerweather, M. D., Instructor in Clinical Orthopedic Surgery.

Laryngology

Samuel J. Crowe, M. D., Associate Professor of Clinical Laryngology.
Henry R. Slack, M. D., Instructor in Clinical Laryngology.
G. Bedford Brown, M. D., Assistant in Laryngology.
J. Julian Chisolm, M. D., Assistant in Laryngology.
Hoagland C. Davis, M. D., Assistant in Clinical Laryngology.

The teaching is in the dispensary, in the wards and operating rooms of the Hospital, in the clinical laboratory and in the Hunterian Laboratory of Experimental Medicine.

A required introductory course is given in the third trimester of the SECOND YEAR consisting of clinics and recitations.

The principal subjects of the THIRD YEAR are the general principles of surgery, surgical diagnosis, surgical pathology and operative surgery in the laboratory.

I. CLINICS. A weekly clinic is given by Professor Halsted for students in the third and fourth years.

Two clinics weekly are given by Professor Finney for the third year class.

II. MINOR SURGERY. BANDAGING. Dr. Homer, twice weekly, one-half the class.

III. SURGICAL DIAGNOSIS AND PATHOLOGY. Professor Bloodgood, Wednesday, 2-4.30, entire year, whole class. Friday, elective course, 2-4.30 p. m. (See special announcement.)

IV. OPERATIVE SURGERY. Drs. Heuer, Goetsch, Dandy, Reid, and Grey. Elective, once weekly from October to May. A four-hour exercise is given to successive sections in the Hunterian laboratory.

V. RECITATIONS. Twice weekly, upon assigned subjects, are held by Drs. Finney, Follis, Heuer, Goetsch, Davis, Stone, Fisher, Pancoast, Bernheim, and Grey.

The work of the FOURTH YEAR consists of:

I. WARD WORK. The members of each of the three groups into which the class of the fourth year is divided, serve for a trimester in the surgical wards of the Hospital.

II. WARD CLASSES. The students make the morning and other visits to the wards with Professors Halsted, Finney, Young, Baer, Heuer, and Dr. Goetsch, and the resident surgeon where they receive bedside instruction.

III. CLINICS. A weekly clinic, by Professor Halsted, Friday, 12 m. to 1 p. m.

IV. SURGICAL OPERATING ROOM. To each group of fourth-year students the privileges of the private operating rooms are extended for one trimester.

V. Genito-Urinary Surgery. Professor Young. (For details, see below.)

VI. Recitation. Professor Bloodgood. Tuesday, 11 to 12 m. (entire group).

VII. Orthopedic Surgery. Professor Baer. (For details, see page 98.)

VIII. Laryngology. Dr. Crowe. (For details, see page 98.)

IX. Roentgenology. Dr. Baetjer.

Graduate Work

Surgical Pathology. Professor J. C. Bloodgood.

Graduates can enter the Laboratory of Surgical Pathology at any time for special instruction. The work is so arranged as to occupy the entire day or a portion of each day. A fee is charged for this course.

X-Ray Diagnosis and Therapeutics. Dr. F. H. Baetjer. This course is given three times during the year, as follows: Course I, October 15 to December 15; Course II, January 15 to March 15; Course III, April 15 to June 15. (Limited to five in each course.)

Each course consists of daily demonstrations from 11 a. m. to 12.30 p. m., and aims to give a practical knowledge of the construction and manipulation of the X-ray apparatus, and its use in diagnosis and treatment.

Urology

During the fourth year Professor Young and Dr. Geraghty conduct the following elective courses:

Minor Course

I. Practical work in the dispensary, daily from 2 p. m. to 3.30 p. m., for one-half trimester or alternate days for entire trimester.

II. Weekly lecture or clinic, Professor Young, Monday, 3.30 p. m. to 4.30 p. m., for one trimester.

Major Course

I. Practical work in the Hospital laboratories or operating room, daily from 9 a. m. to 12 m., for one trimester. (Limited to six students.)

II. Weekly lecture or clinic, Monday, 3.30 p. m. to 4.30 p. m., throughout the year.

III. Pathology of the genito-urinary tract, twice weekly, Dr. Geraghty, Monday and Thursday, 12 to 1 p. m.

Orthopedic Surgery

Instructions in Orthopedic Surgery is given throughout the fourth year by Dr. Baer, assisted by Drs. Fayerweather, Bennett, and Elmendorf.

Obligatory Work:

I. Ward rounds, once weekly throughout the year, for the surgical section.

II. Operative clinic, Monday and Thursday, 10-12.

Elective Courses

I. A clinical lecture or recitation is given throughout the entire year, on Thursdays, from 12 m. to 1 p. m.

II. Clinical instruction for groups of fourteen daily or three times weekly, for one trimester, from 2 to 3.30 p. m.

III. Lateral Curvature Course is given on Tuesday mornings and Saturday afternoons.

Laryngology

The following elective courses are offered during the fourth year:

Minor Course

I. Practical work in the dispensary, three days a week from 2 to 3.30 p. m., for one trimester.

II. Daily clinic and lecture in the dispensary, 2.30 to 3.30 p. m. Dr. Crowe or Dr. Slack.

III. Weekly lecture or clinic, Dr. Crowe, Wednesday, 3.30 to 4.30 p. m.

IV. X-Ray Diagnosis of sinus and mastoid conditions. Dr. Crowe. One day a week.

Major Course

I. Practical work in the dispensary, daily from 2 to 4.30 p. m., for one trimester.

II. Lecture, Wednesday, 3.30 to 4.30 p. m. throughout the year.

III. On request, students will be allowed to assist in operations in the general operating room.

Throughout the third year obligatory courses in laryngoscopy are given to groups of fifteen students on Saturday from 2 to 4 p. m., as a preparation for the work of the fourth year in the laryngological clinics and wards.

An elective course in bronchoscopy and oesophagoscopy is offered to fourth year students in the elective group, Tuesday, from 3 to 5 p. m., in the Hunterian Laboratory. Dr. Slack. (Limited to groups of ten.)

Throughout the fourth year students in the medical group will have opportunities to make routine examination of the nose, throat, larynx and sinuses upon patients in the public wards.

PEDIATRICS

John Howland, M. D., Professor of Pediatrics.
Edwards A. Park, M. D., Associate Professor of Pediatrics.
Kenneth D. Blackfan, M. D., Associate in Pediatrics.
James L. Gamble, M. D., Instructor in Pediatrics.
Grover F. Powers, M. D., Instructor in Pediatrics.
Paul G. Shipley, M. D., Instructor in Pediatrics.
Thomas M. Rivers, M. D., Instructor in Pediatrics.
Benjamin Kramer, M. D., Instructor in Pediatrics.
Harold L. Higgins, A. B., Assistant in Pediatrics.
J. H. Mason Knox, Ph. D., M. D. Associate in Clinical Pediatrics.

Second Year

During the last trimester of this year one hour a week is devoted to recitations, demonstrations and lectures upon the growth and development of infants and children and upon the subject of nutrition, normal and abnormal and the influence of the food stuffs, in so far as pediatrics is concerned.

Fourth Year

I. A weekly clinic or lecture on Monday from 12 to 1 throughout the year. This is given by Dr. Knox in the first trimester and by Professor Howland in the second and third trimesters.

II. Section teaching is given to each section twice a week for one trimester. This consists in the examination by students of patients in the wards and in the dispensary, in the presentation of cases by the students and in the discussion of symptoms, diagnosis and treatment. Special attention is paid to the diseases peculiar to infancy and childhood and to the differences in the manifestation of disease in children as contrasted with adults.

III. An elective major course is given each trimester to not more than seven students. Those electing this course serve as clinical clerks in the wards and dispensary, as well as attend the other exercises.

Graduate Courses

For details, see announcement of summer courses, page 115.

OBSTETRICS

J. Whitridge Williams, M. D., Professor of Obstetrics.
Karl M. Wilson, M. D., Associate in Clinical Obstetrics.
William L. Millea, M. D., Instructor in Obstetrics
John G. Murray, Jr., M. D., Instructor in Obstetrics.
John W. Harris, M. D., Assistant in Obstetrics.

Instruction is given in the third and fourth years. The third-year work is obligatory and must be taken by all students, while that of the fourth year is elective.

Third Year

In this year five hours a week are devoted to the subject, and the time is divided as follows:

I. Recitations or Exercises with the Manikin. Thrice weekly throughout the year. In the former the general principles of obstetrics are considered, while in the latter, which are interspersed between the recitations, the technique of obstetrical examination and of the various operative procedures is taught.

II. Practical Instruction. This includes the examination of pregnant women, pelvimetry, the delivery of patients, and the care of the woman and child after delivery.

III. Ward Classes to groups, twice weekly throughout the year.

IV. Elective courses in Obstetrical Pathology will be given by Drs. Williams, and Wilson on Friday afternoons from 2 to 4, during each of the first two trimesters. Practical laboratory instruction is given in the anatomy and histology of the generative organs, as well as in the pathology of the various diseases of pregnancy, labor and the puerperal state.

Fourth Year

The elective work of this year is arranged in trimesters. Classes are held on Tuesday, Thursday and Friday from 10 to 12 o'clock, and patients are delivered as they fall into labor. Each practical course will be limited to ten students, and the work will be divided as follows:

I. Delivery of patients in the ward and out-patient service and opportunity to witness all operations performed in the department.

II. Ward and nursery rounds.

III. Ante- and post-partum examination of patients.

IV. Obstetrical seminary.

V. A course of practical instruction in contracted pelves.

VI. A practical and laboratory course on the metabolism of pregnancy and its abnormalities.

VII. A course in comparative placentation and elementary teratology.

VIII. Obstetrical pathology.

A credit of 2½ units will be allowed for the class work and the delivery of ten or more patients in the out-door service.

Graduate Work

A limited number of physicians may receive advanced instruction during the academic year. Those wishing to do so should apply to Professor Williams stating the character of the work they desire and their qualifications for undertaking it.

GYNECOLOGY

Howard A. Kelly, M. D., Professor of Gynecology.
William W. Russell, M. D., Associate Professor of Clinical Gynecology.
Thomas S. Cullen, M. B., Associate Professor of Clinical Gynecology.
Guy L. Hunner, M. D., Associate in Clinical Gynecology.
* Elizabeth Hurdon, M. D., Associate in Clinical Gynecology.
Edward H. Richardson, M. D., Associate in Clinical Gynecology.
Herbert M. N. Wynne, M. D., Instructor in Gynecology.
Emil Novak, M. D., Instructor in Clinical Gynecology.
George L. Stickney, M. D., Voluntary Assistant in Clinical Gynecology.

Instruction is given to third and fourth year students and also to graduates. The courses of the third year are obligatory, those of the fourth year elective.

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* Absent on leave.

Third Year

I. Gynecological diagnosis. Each section once a week for four months. Practical instruction in the technique and interpretation of pelvic examinations; demonstrations of selected operations. Drs. Russell and Richardson.

II. A lecture, pathological demonstration or recitation once a week, throughout the year. Drs. Russell, Hunner, and Richardson.

Fourth Year

I. Ward rounds twice a week; bedside instruction and demonstrations. Dr. Cullen and the resident staff.

II. Out-patient clinics. A limited number of students are allowed to assist in the work of the dispensary daily, 2 to 5 p. m. Dr. Richardson and the resident staff.

III. Practical Cystoscopy. Demonstrations, covering the entire subject of diseases of the urinary tract in women, to a limited number of students three days a week from 2.30 to 4.30 p. m. Dr. Hunner and the Resident Gynecologist.

IV. Advanced Course. Offered to each section for one trimester. This includes ward rounds, pelvic examinations under anesthesia, demonstrations of operating room technique and of major operations, lectures and recitations. Drs. Kelly and Cullen.

VI. Gynecological pathology. This course embraces the thorough gross and microscopic study of all diseases of the pelvic structures. Special attention is given to the examination of scrapings. Drs. Cullen, Novak, and Stickney.

Graduate Work

Gynecological pathology (limited to five students). Drs. Cullen and Staff.

This course begins October 1 and extends through two trimesters. The class meets Friday afternoons, 2 to 4.30. Applications should be sent to the Registrar not later than September 15. Fee, $50.00.

During March and April on Tuesdays, 2 to 4.30 p. m., a course (limited to ten) will be given in the diagnosis of urine scrapings. Fee, $50.00. All pathological conditions of the cervix and body of the uterus that might be mistaken for cancer are discussed, and special consideration is given to the early diagnosis of cancer of the uterus. The methods of obtaining and examining pieces of uterine tissue are given in detail. Fee, $50.00.

For summer courses, see announcement, page 115.

PSYCHIATRY

Adolf Meyer, M. D.. Professor of Psychiatry.
Henry J. Berkley, M. D., Clinical Professor of Psychiatry.
Charles Macfie Campbell, M. D., Associate Professor of Psychiatry.
Charles Bagley, Jr., M. D., Associate in Experimental Neurology.
W. Rush Dunton, Jr., M. D., Instructor in Clinical Psychiatry.
Roscoe W. Hall, M. D., Instructor in Psychiatry.
Clarence A. Neymann, M. D., Instructor in Psychiatry.
Augusta R. Scott, M. D., Instructor in Psychiatry.
Trigant Burrow, M. D., Assistant in Clinical Psychiatry.
Esther L. Richards, M. D., Assistant in Psychiatry.
Ruth E. Fairbank, M. D., Assistant in Psychiatry.
Phyllis Greenacre, M. D., Assistant in Psychiatry.
Stanley Cobb, M. D., Assistant in Psychiatry and Physiology of the Nervous System.

The following courses are offered:

1. Medical psychology. An extension of physiology and general pathology into the study of mental activities. The methods of psychological examination. Third trimester of the second year (Tuesday, 2-4 p. m.). (*Required.*)

2. Psychopathology. Examination and differentiation of the psychopathological reaction-types. First trimester, third year. (Tuesdays and Thursdays, from 4.30 to 5.30 p. m.) (*Required.*)

3. Practical psychiatry (psychiatric nosology and special problems). An obligatory course of clinical demonstrations

and of lectures during the second trimester of the fourth year. Fridays, 4.30 to 5.30, and Saturdays, 3.30-5.30.

4. Weekly clinics and discussions for 3rd and 4th years, second and third trimester, Thursdays, 4.30 to 5.30. (Optional.)

No candidate is admitted to the final examination without evidence of having made at least six mental examinations with differential diagnosis under the supervision of the staff of the clinic, either in the dispensary or on the wards.

Elective Work for Fourth-Year Students

1. Elective clinics will be given by Dr. Henry J. Berkley to a class limited to twelve at the Bay View Asylum, on Saturdays from 3.30 to 5.30 p. m. during the first trimester of the fourth year; and by Dr. Dunton at the Sheppard and Enoch Pratt Hospital on Saturdays, 3.30 to 5.30 p. m., during the third trimester.

2. Dispensary work, Monday, Tuesday, Wednesday, and Friday, 10-12, with Dr. Charles Macfie Campbell. Open to third and fourth year students.

Each student will have the opportunity of personally examining and treating under supervision cases of incipient mental disorder. At the end of the hour there will be the presentation of one or two of the most instructive cases, or a review of the day's material so that each student will profit by the whole of the clinical material available.

3. Work on ward cases, partly in connection with the Thursday clinics.

4. In the first trimester Dr. Campbell will give an elective course on special methods of investigation and treatment in hysteria and the psychoneuroses. Wednesday, 3.30 to 4.30 p. m.

5. Special laboratory work in general clinical laboratory methods, neuropathology and psychology (elective for second, third or fourth year).

Graduate Work

Post-graduate work is limited to physicians who will spend at least one trimester in work in the clinic and its laboratories. For summer courses, see announcement, page 115.

OPHTHALMOLOGY

SAMUEL THEOBALD, M. D., Clinical Professor of Ophthalmology.
ROBERT L. RANDOLPH, M. D., Associate Professor of Clinical Ophthalmology and Otology.
JAMES J. MILLS, M. D., Instructor in Clinical Ophthalmology.
LEO J. GOLDBACH, M. D., Assistant in Clinical Ophthalmology.
M. RANDOLPH KAHN, M. D., Assistant in Clinical Ophthalmology.
EDWARD A. LOOPER, M. D., Assistant in Clinical Ophthalmology.

I. Daily clinics are given in the dispensary by Professors Theobald and Randolph. Each of the sub-sections into which the fourth-year class is divided attends these clinics for a half trimester. By this arrangement an opportunity is afforded each student to acquire a practical knowledge of eye diseases.

II. The major course in ophthalmology comprises, besides greater clinical advantages—including the privilege of attendance upon the clinics of Professor Theobald at the Baltimore Eye, Ear and Throat Charity Hospital—instruction in operative surgery of the eye, in the determination of errors of refraction, the optometric use of the ophthalmoscope and skiascopy.

III. Weekly lecture, Thursday, 3.30 to 4.30 p. m., through the year. Professor Theobald.

IV. During the third year a preparatory course in ophthalmoscopy is given by Dr. Mills.

Graduate Work

For summer courses for general practitioners see announcement, page 115.

DERMATOLOGY

T. Caspar Gilchrist, M. D., Clinical Professor of Dermatology.
J. Williams Lord, M. D., Clinical Professor of Dermatology.
Edgar R. Strobel, M. D., Associate in Clinical Dermatology.
Lloyd W. Ketron, M. D., Instructor in Clinical Dermatology.
J. Scott Willock, M. D., Instructor in Clinical Dermatology.
Isaac R. Pels, M. D., Assistant in Clinical Dermatology.
J. Edward Gately, M. D., Assistant in Clinical Dermatology.

The instruction consists of the following elective courses offered to students in the fourth year:

Minor Course

I. Practical work in the dispensary, including clinical demonstrations, 2 to 3.30 p. m., on alternate days during one trimester.

II. Weekly clinical conferences on Tuesdays at 3.30 to 4.30 p. m.

II. A course in the pathology and bacteriology of the common cutaneous diseases on Tuesdays and Saturdays.

Major Course

I. Daily work in the dispensary from 2 to 4.30 p. m. through one trimester.

II. Weekly clinical conferences on Tuesdays, 3.30 to 4.30 p. m. throughout the year.

III. A course in the pathology and bacteriology of the common cutaneous diseases.

IV. Research work.

Graduate Work

An opportunity is given to obtain practical instruction in dermatology during the academic year.

I. Practical work in the dispensary, daily, 2 to 4 p. m., for one or more trimesters.

II. A course in the pathology and bacteriology of the common cutaneous diseases.

MEDICAL ZOÖLOGY

CHARLES WARDELL STILES, Ph. D., D. Sc., Lecturer on Medical Zoölogy and Professor of Zoölogy to the U. S. Public Health Service.

Instruction in Medical Zoölogy is given to students of the third and fourth years by Dr. Stiles. It consists of a course of twenty lectures on the medical relations of animals to man (animal parasites, animals as transmitters of disease, poisonous snakes, etc.); ten lectures are given each year, illustrated with numerous charts, lantern slides, and specimens, and supplemented by practical laboratory exercises in studying both live and preserved parasites, examining meat for trichiniasis and in the diagnosis of various zoöparasitic diesases by microscopic examination of fæces. The parasites are studied from the standpoints of zoölogy, practical medicine, and public health.

HYGIENE

WILLIAM W. FORD, M. D., Lecturer in Hygiene.

The instruction consists of:

1. Didactic lectures given to the students of the third year during the third trimester. These lectures are designed to cover the principal facts in the epidemiology of the infectious diseases, and the measures which may be adopted to prevent their spread.

The water-borne diseases, such as Asiatic cholera and typhoid fever, the insect-borne diseases, such as malaria, yellow fever, and typhus fever, the communicable diseases, the social diseases, and the exanthemata of childhood are considered in detail.

Special lectures are also devoted to vital statistics, climate, soil, ventilation, sewerage, disposal, water supplies, sand filtration, and milk control.

LEGAL MEDICINE

WILLIAM W. FORD, M. D., Lecturer in Legal Medicine.

The instruction is given in the third year. The lectures are intended to instruct the student in the actual facts of applied medicine, which constitutes the basis of the work of the medico-legal practitioner, as in the duties of the medical expert witness and his relations to his client and to the court.

The lectures deal with sexual transgressions, abortion, infanticide, etc., with the circumstances attendant upon violent death in its various forms and with injuries of all sorts, mechanical and chemical, and with the medico-legal relations of insanity.

Especial attention is directed to the methods of investigation and protocol writing in such cases, and to the technical means by which suspected marks, stains and traces of all sorts may be recognized. Instruction as to the character of medical evidence which is useful and admissible in court and as to its presentation, is emphasized.

INSTRUCTION IN ART AS APPLIED TO MEDICINE

MAX BROEDEL, Associate Professor of Art as applied to Medicine.

A. Courses for Medical Students

1). A course in drawing open to students of all four years, to research workers and to members of the faculty for one afternoon a week throughout the year. This course will be limited to 12 students. The work will first deal with the exact study of the plastic representation of medical objects of all kinds. Later on this will lead to the study of diagrammatic drawings and sketches useful in taking medical histories or illustrating lectures with blackboard sketches. Lastly various techniques for making medical illustrations for publications will be taught.

2). Research workers who require pictorial representa-

tions of their research, will be taught the principles of making such drawings.

3). A course of lectures with demonstrations; anatomical studies on the living with special reference to medical and original anatomy, will be given twice weekly during the third trimester. This course is also open to art students.

B. Courses for Artists and Art Students

1). Special instruction to medical illustrators who desire to take up advanced work in a particular branch. The fee will depend on the length of the course and the character of the instruction. Minimum fee, $25.00. Such courses may be taken at any time during the academic year.

2). A regular course for beginners. This course will continue during the entire day throughout the academic year. Applicants who are not graduates of an art school must submit samples of their work. The duration of the course of instruction will of necessity depend on the talent of the individual, the average term, however, not exceeding two years. The fee is $100.00 a year. Drawings of especial merit may be accepted and utilized by the department for publication and as a practical test of the artist's ability. Although such drawings become the property of the school, the student will receive several printed proofs after publication. All drawings and sketches not so honored will remain the property of the student.

The course will include:

a). Anatomical studies of the skeleton, muscles and viscera from the standpoint of the medical illustrator. Everything studied is sketched or drawn.

b.) Studies of fresh material at autopsies, combined with microscopic studies of the various tissues in health and disease. A number of accessory methods will be employed in studying fresh tissues.

c). Studies of hardened specimens from the various pathological collections, combined with the study of the texture of the individual structures of the body.

d). Based on the foregoing the student is ready to study the pictorial representation of physical examination, various kinds of treatment and the different steps in surgical operations.

e). Stress will be laid on the correct attitude of the medical illustration toward problems in medical research and toward the conception of a medical illustration in general as an aid to the text and also as a work of art.

f). Parallel with and supplementing these studies, instruction will be given in the various techniques suitable for medical illustrations intended for publication. Namely:

1). Half-tone drawings in crayon, etc.—Mixed technique.
2). Water color painting.
3). Line drawings in pen and ink. Diagrams.
4). Charts for class demonstrations.

g). Studies of the various methods of reproduction from the standpoint of the illustrator.

HISTORY AND LITERATURE OF MEDICINE

The Historical Club meets once a month throughout the academic year in the medical amphitheatre of the Hospital. Old and rare or otherwise historically interesting books are exhibited and the history of medical doctrines, of epochs in medicine and of the lives and contributions to knowledge of eminent men, and other themes pertaining to the history of medicine are considered. Many students avail themselves of the stimulating and educational advantages afforded by the meetings of this club.

SPECIAL LECTURES

From time to time, as opportunity offers, short courses of special lectures or demonstrations upon selected topics are given either by specially appointed lecturers or by members of the teaching staff.

SUMMER COURSES FOR GRADUATES IN MEDICINE

SUMMER COURSES FOR GRADUATES IN MEDICINE

In co-operation with the Johns Hopkins Hospital, the following courses are offered to graduates in medicine. Instruction will begin on Friday, June 1st and end on Saturday, July 14th.

Under special circumstances, fourth year students of accredited medical schools may obtain permission to register for these courses, which are primarily intended for physicians.

The right is reserved to cancel any course announced, in case less than five (5) *persons register for it.*

Medicine

1. *Medical Clinics*—Dr. L. Hamman, Associate Professor in Clinical Medicine, and Dr. A. L. Bloomfield, Associate in Medicine.

A course in Medical Diagnosis and Treatment demonstrated upon patients from the medical wards in the hospital. Daily, 9 to 10 a. m.

II. *Clinical Microscopy*—Dr. M. D. Batchelor, Assistant in Medicine.

The course consists of lectures and laboratory instruction in the microscopic and chemical examination of urine, blood, gastric contents, faeces and sputum. Monday, Wednesday and Friday, 2 to 4.30 p. m.

III. *Percussion and Auscultation*—Dr. E. W. Bridgman, Instructor in Medicine, and Dr. S. Wolman, Instructor in Clinical Medicine. Tuesday, Thursday and Saturday, 10 a. m. to 12 m.

IV. *Serum Diagnosis*—Dr. P. W. Clough, Associate Professor of Medicine, and Dr. M. C. Clough, Assistant in Medicine.

Demonstration, informal discussion and practice in the technique of the agglutination and complement fixation tests. Special attention will be given to the preparation and titration of haemolytic serum and antigen for use in the Wassermann tests. Limited to 6. Tuesday, Thursday and Saturday, 2 to 4.30 p. m.

V. *Methods of Clinical Chemistry*—Dr. Alma Hiller, Assistant in Medicine.

Laboratory Courses in Chemistry as related to Clinical Medicine. Methods of urine and blood analysis (nitrogen partition of the urine, the non-protein nitrogenous constituents and glucose of the blood, etc.) Limited to 4. Tuesday, Thursday and Saturday, 2 to 4.30 p. m.

VI. *Diseases of the Digestive Apparatus*—Dr. T. R. Brown, Associate in Clinical Medicine and Staff.

A course in the diseases of the digestive apparatus, with practical exercises in the use of the various diagnostic methods, including sigmoidoscopic and fluoroscopic examinations. Monday and Wednesday, 10 a. m. to 12 m.

VII. *Diseases of Metabolism*—Dr. H. O. Mosenthal, Associate Professor of Medicine. A series of special clinics. Tuesday and Thursday, 12 m. to 1 p. m.

VIII. *Diagnosis and Treatment of Syphilis*—Dr. A. Keidel, Instructor in Clinical Medicine. Monday, Wednesday and Friday, 3.30 to 4.30 p. m.

IX. *Neurology*—Dr. G. Lane Taneyhill, Jr., and Dr. C. M. Byrnes, Instructor in Clinical Neurology.

The course consists of lectures and practical work in the Dispensary. History-taking, methods of examination, and differential diagnosis will be discussed. Instruction will be given in the use of the ophthalmoscope and the making of electric and sensory examinations. Monday, Tuesday, Wednesday and Thursday, 10 a. m. to 12 m.

During the course these subjects will be taken up more in detail:

By Dr. Taneyhill: Lectures with illustrative case histories,

in which the Freudian psychology and its bearing upon the treatment of the neuroses and psychoneuroses will be considered. Discussion of the relation of hysteria to states of depression, and to manic-depressive insanity.

By Dr. Brynes: Lectures on the gross and microscopic anatomy of the central nervous system, followed by the consideration of the painful affections of the trigeminal nerve and their treatment by alcohol injections. Other pathologic specimens will also be demonstrated, and, when practicable, instruction will be given in the intraspinal method of administering mercurialised serum.

Pediatrics

Dr. Kenneth D. Blackfan, Instructor in Pediatrics, and Dr. Warren R. Sisson, Instructor in Pediatrics. The course will consist of clinics and demonstrations of patients illustrating the more common diseases of infancy and childhood. Monday, Wednesday and Friday, 10.30 a. m. to 12 m.

Surgery

I. *Surgical Pathology*—Dr. J. C. Bloodgood, Associate Professor of Clinical Surgery. Surgical and Pathological Consideration of Tumors. Wednesday and Friday, 2 to 5 p. m.

Surgical Pathology. Dr. M. R. Reid, Instructor in Surgery. This course will consist of the gross and microscopic study of specimens from the surgical operating room. Tuesday, Thursday and Saturday, 2 to 5 p. m.

II. *Orthopedics*—Dr. W. S. Baer, Associate Professor of Clinical Orthopedic Surgery and Staff.

Ward Rounds, Dr. William S. Baer and Dr. George E. Bennett. Monday, 9 to 10 a. m.

Operations, Dr. William S. Baer and Dr. George E. Bennett. Monday, 10 to 12 a. m.

Orthopedic Clinic, Dr. Walter S. Niblett and Dr. D. F. Elmendorf. Monday, 2 to 4 p. m.

Pathological Demonstration, Dr. D. F. Elmendorf. Monday, 4 to 5 p. m.

Orthopedic Clinic, Dr. George E. Bennett, Dr. D. F. Elmendorf and Dr. Louis Cass Spencer. Tuesday, 2 to 4 p. m.

Orthopedic Lecture. Tuesday, 4 to 5 p. m.

Ward Rounds, Johns Hopkins Hospital School and Convalescent home for Colored Children, Dr. George E. Bennett. Wednesday, 8.30 to 9.30 a. m.

Orthopedic Clinic, Dr. D. F. Elmendorf and Dr. Walter S. Niblett; or, operations at Children's Hospital School, Dr. William S. Baer and Dr. George E. Bennett. Wednesday, 2 to 4 p. m.

Operations, Dr. William S. Baer and Dr. George E. Bennett. Thursday, 9 to 12 a. m.

Lecture on Orthopedic Surgery. Thursday, 12 to 1 p. m.

Orthopedic Clinic, Dr. Louis Cass Spencer, Dr. D. F. Elmendorf and Dr. Walter S. Niblett. Thursday, 2 to 4 p. m.

Special Lecture on measuring, fitting and construction of braces and appliances used in orthopedic surgery, Dr. George E. Bennett. Thursday, 4 to 5 p. m.

Orthopedic Clinic, Dr. George E. Bennett, Dr. Louis Cass Spencer, Dr. D. F. Elmendorf and Dr. Walter S. Niblett. Friday, 2 to 4 p. m.

Orthopedic Clinic, Dr. William S. Baer, Dr. George E. Bennett and Dr. D. F. Elmendorf. Saturday, 2 to 4 p. m.

III. *Genito-Urinary Surgery*—Dr. F. W. Hobelmann, assistent in Clinical Urology.

Clinical instruction in history-taking, routine genito-urinary examinations, urinary analysis, methods of microscopic examination of secretions from the urethra, venereal sores, prostate, etc., instrumental examinations (including urethroscopy, but not cystoscopy), and methods of treatment. Daily, 2 to 3.30 p. m.

Cystoscopy in the Male. Dr. J. E. Burns, Assistant in Urology. Monday, Wednesday and Friday, 3.30 to 4.30 p. m.

IV. *Rectal Surgery*—Dr. H. B. Stone, Instructor in Clinical Surgery.

This course will include digital and proctoscopic examinations, together with operations under general or local anesthesia. Monday and Friday, 10 to 12 m. Operative clinics as posted.

V. *Radiography*—Dr. J. W. Pierson, Assistant in Roentgenology.

Practical instruction in X-ray laboratory, including Roentgenoscopy and Roentgenotherapy.

VI. *Anesthesia*—Dr. G. R. Dunn, Assistant Resident Surgeon.

Practical instruction in the administration of anesthetics. Tuesday, Thursday and Saturday, 10 to 12 m.

VII. *Diseases of the Eye*—Dr. L. J. Goldbach, Assistant in Ophthalmology, and Dr. H. Butler, Dispensary Ophthalmologist.

Practical dispensary course in diagnosis and treatment, including Ophthalmoscopy. Monday, Wednesday and Friday, 2 to 4 p. m.

VIII. *Diseases of the Nose, Throat and Ear*—Dr. H. H. Slack, Instructor in Laryngology, Dr. H. C. Davis, Assistant in Clinical Laryngology, and Dr. S. S. Watkins, Assistant in Laryngology.

(a) *Dispensary Work*—Monday, Wednesday and Friday, 2 to 4.30 p. m.

(b) *Operative Clinic*—Tuesday, Thursday and Saturday, 9 to 11 a. m.

This will be supplemented by the demonstration of sinus and ear conditions.

(c) *Bronchoscopy and Esophagoscopy*—Monday, 2 to 5 p. m. Dr. Slack.

This course will be given to a limited number of students

in the Hunterian Laboratory and will cover the technic and practical methods employed in such work.

IX. *Diseases of the Skin*—Dr. E. R. Strobel, Instructor in Clinical Dermatology, and Dr. L. W. Ketron, Assistant in Clinical Dermatology.

This course consists of the demonstration of patients and discussion of their symptoms with special attention to differential diagnosis and treatment. The bacteriology and pathology of certain skin diseases will also be considered. Daily, 2 to 3.30 p. m. Clinical Lecture, Dr. T. C. Gilchrist, Tuesday, 3 to 4 p. m.

Gynecology

Drs. G. L. Hunner and E. H. Richardson, Associates in Clinical Gynecology, Dr. W. R. Holmes, Instructor in Gynecology, and Dr. H. M. N. Wynne, Assistant Resident Gynecologist.

I. *Operative Clinics,* preceded by pelvic examinations under anesthesia. Monday, Wednesday and Saturday, 9 a. m. to 12 m.

II. *Ward-rounds*—Tuesday and Thursday, 9 to 10 a. m.

III. *Practical Work in the Dispensary,* including history-taking, pelvic and abdominal examinations without anesthesia, and medical gynecology. Daily, 2 to 4 p. m.

(*Limited to the first twelve applicants. Each group of two will receive six periods of instruction.*)

IV. *Cystoscopy*—Practical instruction and demonstration in the clinic.

(*Limited to the first nine applicants. Each group of three will receive six periods of instruction.*)

Practical instruction in the cystoscopic clinic. Tuesday, Thursday and Friday, 2 to 4.30 p. m.

Obstetrics

Dr. D. Davis and Dr. J. G. Murray, Jr., Instructors in Obstetrics.

The course will include ward rounds, abdominal palpation and pelvic mensuration, demonstrations of methods and pathological material, lectures upon special topics and operative work on the manikin. Groups of students will have an opportunity to work in the Dispensary daily for one week and to make ante-partum and post-partum examinations for another week. Interesting clinical material will be demonstrated when available. Students are free to attend deliveries and operations whenever they choose. (Courses limited to ten students.)

Tuesday, 10 to 11 a. m., demonstrations; 11 to 12 m., lecture. Thursday, 10 to 11 a. m., Palpation and mensuration; 11 to 12 m., lecture. Friday, 9 to 10 a. m., ward-rounds; 10 to 11 a. m., Operative work on the manikin; 11 to 12 m., Pathological demonstrations.

Practical Serology

Dr. C. A. Neymann, Assistant in Psychiatry.

The examination of the blood and spinal fluid by means of the Wassermann colloidal gold, globulin and other tests. Demonstrations in the treatment of syphilis of the central nervous system by means of the Swift-Ellis and allied methods. Limited to 6. Monday, 7.30-8.30 p. m.; Tuesday, 2-5 p. m.

Special Lectures

The hour from 12 to 1 p. m. on Monday, Wednesday, and Friday is reserved for special lectures to which all of the physicians attending the graduate courses are invited. Lectures to be delivered by:

Dr. W. S. Baer—Orthopedics; Dr. L. F. Barker—Medicine; Dr. T. S. Cullen—Gynecology; Dr. J. M. T. Finney—Surgery; Dr. T. B. Futcher—Medicine; Dr. J. T. Geraghty—Urology; Dr. G. J. Heuer—Surgery; Dr. G. L. Hunner—Gynecology; Dr. T. C. Janeway—Medicine; Dr. H. O. Mo-

senthal—Medicine; Dr. W. S. Thayer—Medicine; Dr. J. W. Williams—Obstetrics; Dr. H. H. Young—Urology.

Fees

A full day's work for the entire period in as many courses as can be taken, without conflict in hours—$100.

For laboratory courses an additional fee of $5.00, not including breakage. The fee for any one of the following courses is $25.00: Clinical Microscopy, Digestive Diseases, Percussion and Auscultation, Diseases of Metabolism, Surgical Pathology, Clinical Chemistry, Serum Diagnosis, Practical Serology, Rectal Surgery, Anesthesia, Eye; Skin; Ear, Throat and Nose, Gynecological Dispensary, Pediatrics.

The fee for any one of the following courses is $50.00: Medical Clinics, Syphilis, Neurology, Radiography, Gynecological Operative Course with Ward Rounds, Gynecological Cystoscopy, Urological Cystoscopy, Obstetrics, Genito-Urinary Surgery.

Persons desiring to take these courses must register at the Dean's Office, where they will receive the necessary credentials.

Courses cannot be changed after registration, except upon the payment of an additional fee.

In view of the fact that only a limited number can be admitted in certain courses, it is advisable that applications be made in advance. Address the Dean of the Johns Hopkins Medical School, Baltimore.

SCHEDULES OF COURSES FOR THE SESSION OF 1917-1918

No alterations in the schedules are permitted unless authorized by the Medical Faculty.

SCHEDULE FOR THE

	Monday.	Tuesday.
First Trimester. (Oct. 2 to Dec. 22, incl.)	9-12. Anatomy I.	9-12. Anatomy I. 12-1.† Anatomy V.
	2-5. Histology.	2-5.† Drawing as Applied to Medicine.
Second Trimester. (Jan. 3 to Mar. 15, incl.)	9-12 Anatomy II. 9-12.† Anatomy VII.	9-12. Anatomy II. 12-1.† Anatomy V. Physiology. (Conference).
	2-5. Histology and Organology.	2-3. Organology and Neurology (Lecture). 2-5.† Drawing as Applied to Medicine.
Third Trimester. (Mar. 18 to May 31, incl.)	10.30-11.30. Physiol. Chem. Lecture. (A. and B). 12-1. Bacteriology. Recitation.	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.
	2-5. Bacteriology Laboratory.	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

FIRST YEAR, 1917-1918

Wednesday.	Thursday.	Friday.
9-12. Anatomy I.	9-12. Anatomy I.	9-12. Anatomy I.
2-5. Histology.	2-3. Histology (Lecture). 3-5.†	2-5. Histology.
9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).
2-5. Histology and Organology.	2-3.† Special Histology. 2-5.†	2-3.† Medical Anatomy.
9-12. Bacteriology Laboratory. 12-1. Physiol. Chem. Lecture. (A. and B).	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	9-12. Bacteriology 12-1. Physiol. Chem. (Lecture). (A. and B).
4-5. Bacteriology (Lecture).	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	4-5. Bacteriology (Lecture).

† Elective or advanced work may be obtained in the following subjects by arrangement with the instructors: Anatomy, Physiology, Physiological Chemistry, Pharmacology, Toxicology, Experimental Pathology and Hygiene.

	Monday.	Tuesday.
First Trimester. (Oct. 2 to Dec. 21, incl.)	9-10.† Study Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. Pathology (Recitation).	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).
	2-5. Pathology.	2-5. Physiology (B). Physiological Chemistry (A).
Second Trimester. (Jan. 3 to Mar. 15, incl.)	9-12.† Study Room (Anatomy). Topograph. Anat. 10-12. Autopsy Demonstrations. Group I. 10.30-11.30.† Autopsy Demonstration. Bay View. Group III. 12-1. Pharmacology (Lecture).	9-12.† Autopsies. Hygiene. Study Room (Anatomy). Topograph. Anat. 12-1. Pathology. (Recitation).
	2-5. Pathology.	2-5.† Drawing as Applied to Medicine. Toxicology. Principles of Immunity. (Lecture).
Third Trimester. (Mar. 18, to May 31, incl.)	9-10. Bandaging (½ class). Dr. Homer. 10-12. (Mar. 18-Apr. 8). Group I & II. Phys. Diag. Group III & IV. Medicine. Group V. Neurol. Group VI. Psych. (Apr. 15-Apr. 29). Group V & VI. Phys. Diag. Group I & II. Medicine. Group III. Psych. Group IV. Neurol. (May 6-May 20). Group III & IV. Phys. Diag. Group V & VI. Medicine. Group I. Psych. Group II. Neurol. 12-1. Medical Clinic. Dr. Janeway.	9-10. Demonstration of Autopsy Material. 1st half Class—Path. Lab. 2nd half Class—Bay View. 10-12. (Mar. 19-Apr. 9). Group III & IV. Phys. Diag. Group V & VI. Medicine. Group I. Neurol. Group II. Psych. (Apr. 16-Apr. 30). Group I & II. Phys. Diag. Group III & IV. Medicine. Group V. Neurol. Group VI. Psych. (May 7-May 21). Group V & VI. Phys. Diag. Group I & II. Medicine. Group III. Psych. Group IV. Neurol. 12-1. Surgical Clinic. Dr. Finney.
	2-3. Pharmacy (lecture). 3-5.† Practical Pharmacy.	2-4. Medical Psychology. Dr. Meyer. 4-5. Anatomical Studies on the Living. Mr. Broedel.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

† Electives or advanced work may be obtained in the following subjects by arrange-

WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10.† Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. emonstration of psy Material (A). ap B.—Bay View.	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).	9-11.† Study Room (Anatomy). 11-12. Autopsies.* 12-1. Demonstration of Autopsy Material (B). Group A.—Bay View.	
2-5. Pathology	2-5. Physiology (B). Physiological Chemistry (A).	2-5. Pathology.	
9-12.† Room (Anatomy). pograph. Anat. 10-12. sy Demonstration. Group II. 10.30-11.30† sy Demonstration. Bay View. Group I. 12-1. Pharmacology (Lecture).	9-12.† Autopsies. Hygiene. Study Room (Anatomy). Topograph. Anat. Experimental Pathology.	9-12.† Study Room (Anatomy). Topograph. Anat. 10-12. Autopsy Demonstration. Group III. 10.30-11.30† Autopsy Demonstration. Bay View. Group II. 12-1. Pharmacology (Lecture).	
2-5. Pathology.	2-5.† Experimental Pharmacology Principles of Immunity. (Lecture). Special Histology.	2-5. Pathology.	
9-10. ction to Therapeutics macological Lecture Room). Dr. Macht. 10-12. r. 20-Apr. 10). p & VI. Phys. Diag. I & II. Medicine. p III. Neurol. p IV. Psych. r. 17-May 1). I & IV. Phys. Diag. & VI. Medicine. up I. Neurol. up II. Psych. y 8-May 22). & II. Phys. Diag. p I & IV. Medicine. p V. Neurol. p VI. Psych. 12-1. dical Clinic. r. Janeway.	9-10. Demonstration of Autopsy Material. 1st half Class—Bay View. 2nd half Class—Path. Lab. 10-12. (Mar. 21-Apr. 11). Group I & II. Phys. Diag. Group III & IV. Medicine. Group V. Psych. Group VI. Neurol. (Apr. 18-May 2). Group V & VI. Phys. Diag. Group I & II. Medicine. Group III. Neurol. Group IV. Psych. (May 9-May 23). Group III & IV. Phys. Diag. Group V & VI. Medicine. Group I. Neurol. Group II. Psych. 12-1. Surgical Clinic. Drs. Heuer and Davis.	9-10. Surgery. Recitation. 10-12. (Mar. 22-Apr. 12). Group III & IV. Phys. Diag. Group V & VI. Medicine. Group I. Psych. Group II. Neurol. (Apr. 19-May 3). Group I & II. Phys. Diag. Group III & IV. Medicine. Group V. Psych. Group VI. Neurol. (May 10-May 24). Group V & VI. Phys. Diag. Group I & II. Medicine. Group III. Neurol. Group IV. Psych. 12-1. Physical Diagnosis. (Recitation).	9-10. Bandaging (½ class). Dr. Homer. 10-12. (Mar. 23-Apr. 13). Group V & VI. Phys. Diag. Group I & II. Medicine. Group III. Psych. Group IV. Neurol. (Apr. 20-May 4). Group III & IV. Phys. Diag. Group V & VI. Medicine. Group I. Psych. Group II. Neurol. (May 11-May 25). Group I & II. Phys. Diag. Group III & IV. Medicine. Group V. Psych. Group VI. Neurol.
2-3. Pediatrics. 3-5. ical Laboratory.	2-4. Physical Diagnosis. (Demonstration.) Dr. Bridgman.	2-3. Anatomical Studies on the Living. Mr. Broedel. 3-4. Neurology.	

with the instructors: Anatomy, Physiology, Physiological Chemistry, Pharmacology, Toxicology, Experimental and Hygiene.

utopsies according to special announcement. When material is ready the autopsies will be performed at this

ts who desire to take up or continue research work may be excused from the afternoon exercises of the ter. Such students must be recommended by the respective instructors to the 3rd and 4th Year Committee.

SCHEDULE FOR THE

MONDAY.	TUESDAY.	WEDNESDAY.
9-10. Obstetrics (Recitation).	9-10. 1st half year. Group I. Gynecology. Group II. Obstet'cs, Ward. Groups III and IV. Obstetrics, recitation. 2nd half year. Group I. Obstet'cs, Ward. Group II. Gynecology. Groups III and IV. Obstetrics, recitation.	9-10. Surgery (Recitation).
FIRST TRIMESTER. 10-12. (Oct. 8-Nov. 5). Group I. Surg. Disp. Group II. Phys. Diag. Group III. Medicine. Group IV. Neurology. (Nov. 12-Dec. 17.) Group II. Surg. Disp. Group I. Phys. Diag. Group III. Medicine. Group IV. Neurology. SECOND TRIMESTER. (Jan. 7-Feb. 4.) Group III. Surg. Disp. Group IV. Phys Diag. Group I. Medicine. Group II. Neurology. (Feb. 11-Mar. 11) Group IV. Surg. Disp. Group III. Phys. Diag. Group I. Medicine. Group II. Neurology. THIRD TRIMESTER. (Mar. 18-Apr. 22.) Group I. Surg. Disp. Group II. Elective.* Group III. Bay View. Group IV. Neurology. (April 29-May 20.) Group II. Surg. Disp. Group I. Elective.* Group III. Bay View. Group IV. Neurology.	10-11. Gynecology. (Recitations, two-thirds, Gynecological Pathology, one-third of year). 11-12. Neurology, Clinic or Recitation.	FIRST TRIMESTER. 10-12. (Oct. 3-Nov. 7) Group I. Surg. Disp. Group II. Phys. Diag. Group III. Medicine. Group IV. Neurology. (Nov. 14-Dec. 19.) Group II. Surg. Disp. Group I. Phys. Diag. Group III. Medicine. Group IV. Neurology. SECOND TRIMESTER. (Jan. 9-Feb. 6.) Group III. Surg. Disp. Group IV. Phys Diag. Group I. Medicine. Group II. Neurology. (Feb. 13-Mar. 13.) Group IV. Surg. Disp. Group III. Phys. Diag. Group I. Medicine. Group II. Neurology. THIRD TRIMESTER. (Mar. 20-April 24) Group I. Surg. Disp. Group II. Elective.* Group III. Neurology. Group IV. Bay View. (May 1-May 22.) Group II. Surg. Disp. Group I. Elective.* Group IV. Bay View. Group III. Neurology.
12-1. Medicine. Clinical Lecture. (1st half year.) Medical Clinic. Dr. Futcher. (2d half year.)	12-1. Surgical Clinic. Dr. Finney.	12-1. Medicine. Clinical Lecture. (1st half year.) Medical Clinic. Dr. Mosenthal. (2d half year.)
2-3. Clinical Microscopy. Recitation and Demonstrations. [1st, 2d and 3d Trimesters.] 3-4. Practical Therapeutics. Medical Amphitheatre. [1st, 2d, and 3d trimesters.]	2-4.30. Clinical Microscopy. [1st, 2d and 3d** Trimesters.] 4.30-5.30. Psycho-Pathology. [1st Trimester.] 2-3. Hygiene and Legal Medicine. [3d Trimester.]	2-3. Surgical Pathology. Clinic and Demonstration. ELECTIVE. 3-4.30. Surgical Pathology. (Laboratory). Group Work or special Work ½ to 1½ units. 3-5 Immunology and Special Bacteriology. Dr. Felton. 3-4.30. Operative Surgery. (Assigned group).
4-5. Surgery. (Recitation.) [3 trimesters.]	4.30-5.30. Tuberculosis. (Lecture.) Dr. Krause. Jan. to Mar. 15.	4.30-5.30. Medicine. (Recitation.)

Unless otherwise indicated, courses extend throughout year, and [illegible] are obligatory.
Students must take 1½ units of work during the year in these [illegible] or other elective courses during these hours.
Open Elective Courses, 2 days a week, 8 weeks, 10 to 12 m. equals [illegible]32 hours = ½ Unit.

THIRD YEAR, 1917-1918

THURSDAY.	FRIDAY.	SATURDAY.
9-10. First Half Year. Group I and II. Obstetrics, recitation. Group III. Gynecology. Group IV. Obstetrics, Ward. 2nd half year. Group I and II. Obstetrics, recitation. Group III. Obstet'cs, Ward. Group IV. Gynecology.	9-10. Physical Diagnosis. (Recitation). Dr. Bridgman. (1st and 2nd trimesters). Therapeutics. (Recitation). Dr. Bloomfield. (3rd trimester).	9-10. Obstetrics (Recitation).
FIRST TRIMESTER. 10-12. (Oct. 4-Nov. 8) Group I. Surg. Disp. Group II. Phys. Diag. Group III. Neurology. Group IV. Medicine. (Nov. 15-Dec. 20.) Group II. Surg. Disp. Group I. Phys. Diag. Group III. Neurology. Group IV. Medicine. SECOND TRIMESTER. (Jan. 3-Feb. 7.) Group III. Surg. Disp. Group IV. Phys Diag. Group I. Neurology. Group II. Medicine. (Feb. 14-Mar. 14.) Group IV. Surg. Disp. Group III. Phys. Diag. Group I. Neurology. Group II. Medicine. THIRD TRIMESTER. (Mar. 21-April 25.) Group III. Surg. Disp. Group IV. Elective.* Group I. Bay View. Group II. Neurology. (May 2-May 23.) Group IV. Surg. Disp. Group III. Elective.* Group I. Bay View. Group II. Neurology.	10-12. Surgical Clinic. Dr. Finney.	FIRST TRIMESTER. 10-12. (Oct. 6-Nov. 10) Group I. Surg. Disp. Group II. Phys. Diag. Group III. Neurology. Group IV. Medicine. (Nov. 17-Dec. 22.) Group II. Surg. Disp. Group I. Phys. Diag. Group III. Neurology. Group IV. Medicine. SECOND TRIMESTER. (Jan. 5-Feb. 9.) Group III. Surg. Disp. Group IV. Phys Diag. Group I. Neurology. Group II. Medicine. (Feb. 16-Mar. 16.) Group IV. Surg. Disp. Group III. Phys. Diag. Group I. Neurology. Group II. Medicine. THIRD TRIMESTER. (Mar. 23-Apr. 27.) Group III. Surg. Disp. Group IV. Elective.* Group I. Neurology. Group II. Bay View. (May 4-May 25.) Group IV. Surg. Disp. Group III. Elective.* Group II. Bay View. Group I. Neurology.
12-1. Medical Clinic. Dr. Hamman.	12-1. Surgical Clinic. (3rd and 4th years.) Dr. Halsted. Nervous Diseases. (Recitation). After April 1.	12-1. Medical Clinic. (3rd and 4th years.) Medical Amphitheatre, Dr. Janeway, (1st and 2d Trimesters.) Dr. Barker, (3d Trimester.)
2-4.30. Clinical Microscopy. [1st, 2d and 3d** Trimesters.] 2-3. Hygiene and Legal Medicine (Lecture.) [3d Trimester.] 4.30-5.30. Psychiatry. Clinical Demonstrations. 1st Tri.—Required. 2nd and 3rd Tri.—Elective.	ELECTIVE. 2-5 Operative Surgery, in Groups=1 unit. (Repeated each trimester.) 2-4.30. Surgical Pathology (year)=1½ unit. Obstet. Pathology. 1 Tri.=½ unit. (Repeated first and second Trimesters). Medicine (year=1 unit.) (Repeated each Trimester.) 3.30-5.30. Tuberculosis Clinic. Bay View. [3d Trimester.] 3.30-5.30. Surgical Diagnosis. Bay View. [3d Trimester.] 2-5. Immunology and Special Bacteriology. Dr. Felton Practical Serology. Dr. Neymann.	2-4. Laryngoscopy In groups. 4 p. m. Ophthalmoscopy In groups.
4.30-5.30. Medical Zoology. Jan. 1 to Mar. 15.		

* Electives in Medicine (Tuberculosis and Gastro-Intestinal Diseases, and Medical Dispensary, Jan. 29-Mar. 24), and in other subjects to be announced are offered during the third trimester.

** Clinical Microscopy at 3 to 5.30 p. m. (REQUIRED), 3rd trimester, instead of 2 p. m.

SCHEDULE FOR THE FOURTH YEAR, 1917-1918

Medical Section, including Pediatrics, Wednesday and Saturday.....10.30-1
Surgical Section.....
Elective Section.....

MEDICAL SECTION. Medical Wards, Dispensary and Laboratories, 8.30 A. M. to 12 M. and 2 to 4.30 P. M. = 6 units.
SURGICAL SECTION. Surgical Wards, Ward Visits, Operating Room and Laboratori (entire Section), 9 A. M. to 12 M. = 3 units. Recitation, Friday, 9 A. M.

12-1 LECTURES

	MONDAY.	TUESDAY.	WEDNESDAY.
First Trimester. October to Christmas.	(a) Diseases of Children. Dr. Knox. (b) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference Drs. Janeway and MacCallum.
Second Trimester. January to March 15.	(a) Diseases of Children. Dr. Howland. (b) Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference. Drs. Janeway and MacCallum.
Third Trimester. March 15 to June.	(a) Dr. Howland. (b) Dr. Geraghty.	Minor Ailments. Dr. Hamburger.	Clin. Path. Conf. Drs. Thayer and MacCallum. Medical Ethics. (2 lectures).

The courses on Wednesday, Friday and Saturday are obligatory, and continue throug out the year. Those on other days are elective and arranged in Trimesters, but ever student must choose one of them for each day and pursue same for entire Trimeste

Medical Zoology, Thursda

ELECTIV

MORNINGS

Medical Research,	daily 9-12 = 3
Surgery (Major), Dr. Halsted and Staff,	daily 9-12 = 3
Rectal Surgery, Monday, Wednesday and Friday. Dr. Stone,	9-12 = 1½
Plastic Surgery, Tuesday, Thursday, and Saturday. Dr. Davis,	9-12 = 1½
Surgical Diagnosis and Pathology. Dr. Bloodgood. 12 students. Wednesday and Friday,	8-9 = ½ to 1
Surgical Diagnosis and Pathology. Special Work. Dr. Bloodgood,	daily = ½ to 1½
Gynecology, Monday, Wednesday and Saturday, 10 students. Drs. Kelly, Cullen and Resident,	9-12 = 1½
Obstetrics, Tuesday, Thursday and Friday, 10 students. Dr. Williams and Staff,	9-12 = 1½ to 2½
Children's Diseases (Major). Dr. Howland and Staff. Limited to 7,	daily 9-12 = 3
Genito-Urinary (Major). Dr. Young,	daily 9-12 = 3
Special Urological Pathology. Dr. D. M. Davis. 2d and 3rd Tri.,	Tuesday 10-11 = ⅙
Research in Urology. Dr. Young and Staff,	
Psychiatry (Major). Dr. Meyer and Staff,	9-12 = 3
Psychiatry (Dispensary). Dr. Campbell, daily except Thursday,	10-12 = 3
Research, other departments,	daily 9-12 = 3
Neurology (Minor). Dr. Thomas,	daily 10-11 = 1
Disorders of Metabolism. Tuesday. Dr. Mosenthal,	10-12 = ⅓
Tuberculosis: Advanced Course. (2d. Tri.), twice weekly, Tuesday and Friday. Drs. Krause and Austrian,	10-12 = ⅔
Gastro-Intestinal. Dr. Brown. Feb.-June, Monday and Wednesday.	10-12 = ⅔
Drawing as Applied to Medicine. Mr. Broedel,	Tuesday, 1.30-5 = ½

AFTERNOONS

Ophthalmology (Major). Dr. Theobald, Dr. Randolph and Staff,	daily 2-4.30 = 2½
Orthopedics (daily or 3 times weekly for 1 Trimester), limited to 14 students. Dr. Baer,	2-3.30 = 1
Genito-Urinary (Minor, 3 times weekly for 1 Tri.). Drs. Young and Geraghty,	daily 2-3.30 = 1
Dermatology (Major). Drs. Gilchrist and Lord (limited to 1	daily 2-4.30 = 2½
Dermatology (Minor, 3 times weekly for 1 Tri.). Drs. Gilchrist and Lord,	daily 2-3.30 = 1
Laryngology (Major). Dr. Crowe and Staff,	daily 2-3.30 = 2½
Laryngology (Minor, 3 times weekly for 1 Tri.), Monday, Wednesday and Friday. Dr. Crowe and Staff,	daily 2-3.30 = 1
Syphilis (Minor), Tuesday, Thursday, and Saturday. Dr. Keidel,	2-3.30 = 1

All courses extend over one T

Students must take 18 units during the year:

Medicine,	6 units.
Surgery,	3 "
Obligatory afternoon exercises (Wed., Fri. and Sat.),	1 "
2 Specialties (Ophthalmology and one minor elective).	2 "
6 Elective Units,	6 "
	18 units.

Units or Minor Course equals 66 hours, or 6 hours a week for 1 Trimester; 2 hours week for 1 year.

* Medical group to work in the Medical Dispensary as Assistants on Monday, Tuesd Thursday and Friday.

1st. Trimester October to Christmas.	2nd Trimester. January to March 15.	3rd Trimester. March 15 to June.
Group I.	Group III.	Group II.
Group II.	Group I.	Group III.
Group III.	Group II.	Group I.

Ophthalmology (3 times weekly for 1 Trimester), 2-3.30 P. M. = 1 unit, leaving 1½ units elective. Elective Courses, afternoons, 2-4.30.
Elective Section. Elective Courses, mornings, 9-12, and afternoons, 2-4.30.

AND CLINICS

Thursday.	Friday.	Saturday.
(a) Orthopedics. Dr. Baer. (b) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Janeway.
(a) Dr. Baer. (b) Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Janeway. Psychiatric Clinics. Jan. to Mar. 15. 3.30-5.30. Dr. Meyer.
(a) Dr. Baer. (b) Dr. Geraghty.	Surgical Clinic. Dr. Halsted. After April 1. Digestive Diseases. Dr. Brown.	Medical Clinic. Dr. Barker.

Courses may be pursued for entire year or changed each Trimester. Attendance on three of these elective courses for one Trimester = ½ unit.

4.30 to 5.30. 2nd Trimester.

COURSES

Bronchoscopy and Oesophagoscopy. For elective groups only. Dr. Slack (Hunterian Lab.), Tuesday,	3-5	= ⅓ U.
Obstetrical Pathology. Dr. Williams and Staff (Repeated two Tri.). Friday,	2-4.30	= ½ U.
Gynecological Dispensary. Drs. Richardson and Resident, daily, 1 Tri., sections of two students each day,	2-4	= ⅓ U.
Gynecological Pathology (Repeated three Trimesters). Drs. Cullen, Novak and Stickney,	2-4.30	= ½ U.
Cystoscopy. Drs. Hunner and Resident, Tuesday, Thursday, and Saturday. ½ Trimester (limited to 3 students),	2.30-4.30	= ⅓ U.
Psychiatry, Clin. demonstrations, 2d and 3d Tri., Thursday,	4.30-5.30	= ⅙ U.
Psychiatry. Dr. Berkley. 1st Trimester, -Saturday,	3.30-5.30	= ⅓ U.
Psychiatry, laboratory work as arranged,		
Psychiatric Clinic, Saturday, Sheppard Pratt Hosp. Dr. Dunton. 3rd Tri.,	3.30-5.30	= ⅓ U.
Medical Research, daily,	2-4.30	= 2½ U.
Research in other departments, daily,	2-4.30	= 2½ U.
Experimental Pathology (Minor). Dr. MacCallum, twice weekly,	2-4.30	= ½ U.
Immunology and Special Bacteriology. Dr. Felton. Wednesday and Friday, 2d Tri.,	2-5	= ½ U.
Practical Serology. Dr. Neymann, Friday,	2-5	= ½ U.

Lectures

Genito-Urinary. Dr. Young, Monday,	3.30-4.30	= ⅙ U.
Psychiatry (11 lectures), 2d Trimester, (Required), Friday,	4.30-5.30	= ⅙ U.
Dermatology. Dr. Gilchrist. (Conference), Tuesday,	3.30-4.30	= ⅙ U.
Syphilis. Dr. Keidel, Thursday,	4-5	= ⅙ U.
Laryngology. Dr. Crowe, Wednesday,	3.30-4.30	= ⅙ U.
Gynecology. Dr. Kelly or Staff, Monday,	4.30-5.30	= ⅙ U.
Cardiac Arrhythmias. 2d Trimester. Dr. N. W. Brown. Friday,	4.30-5.30	= ⅙ U.
Medical Bacteriology. Drs. Clough and Sydenstricker 1st Trimester,	4.30	= ⅙ U.
Hysteria and the Psychoneuroses. 1st Tri. Dr. Campbell, Wednesday,	3.30-4.30	= ⅙ U.
Ophthalmology. Dr. Theobald, Thursday,	3.30-4.30	= ⅙ U.
Hospital Interneships. (One lecture). Dr. Smith. Monday, December 17,	4.30-5.30	

mester, unless otherwise stated.

SUMMARY OF THE WORK.

Medical Group.	Wards, etc.,	8.30-12
	Lecture or Clinic,	12-1
	Wards, etc.,	2-4.30
Surgical Group.	Wards,	9-12
	Lecture or Clinic,	12-1
	Ophthalmology,	2-3.30
	Elective Work,	2-4.30
Elective Group.	Elective Work,	9-12
	Lecture or Clinic,	12-1
	Elective Specialties,	2-4.30

(Groups alternate each Trimester.)

APPENDIX

APPENDIX

I

ENDOWMENT

The founder of the Johns Hopkins University, in devoting his large fortune to the establishment of the University and the Hospital, had in view the organization of a school of medicine. In his letter addressed to the Trustees of the Hospital, dated March 10, 1873, these significant words occur:

"It will be your especial duty to secure, for the service of the Hospital, surgeons and physicians of the highest character and greatest skill. . . . In all your arrangements in relation to this Hospital, you will bear constantly in mind that it is my wish and purpose that the institution shall ultimately form a part of the Medical School of the University for which I have made ample provision in my will."

When the University was opened in 1876, arrangements were made for instruction in those sciences such as physics, chemistry, and biology, which lead up naturally to the professional study of Medicine. In 1884 the professorship of pathology was filled and the pathological laboratory was opened. In 1889 the Johns Hopkins Hospital was opened, and the physician, surgeon, and gynecologist in chief to the Hospital were appointed to the professorships, respectively, of medicine, surgery, and gynecology and obstetrics. At the same time the professor of psychiatry was appointed. Opportunities for instruction were afforded to graduates in medicine. Ampler endowment however, was needed to complete the organization of a medical department.

Gifts amounting to $111,731.68, most of which were offered to this University in October, 1890, by a committee of women, and an additional gift of $306,977, offered to the University in December, 1892, in addition to her previous subscriptions, by Miss Mary Elizabeth Garrett, made up, with other available resources, the amount of $500,000, which had been agreed upon by the Trustees as the minimum sum to be secured for the opening of the Medical Department. These generous contributions were made upon condition that women be received upon the same terms as men.

This endowment, added to the available resources of the Johns Hopkins University and the Johns Hopkins Hospital, enabled the

Trustees to complete the organization of the Medical Department and to open it for instruction in 1893.

II

THE WOMEN'S MEDICAL SCHOOL FUND

At a meeting of the Board of Trustees of the University, October 28, 1890, the following letter was presented.

"The committee formed for the purpose of raising a fund to procure the most advanced medical education for women, can now place at your disposal the sum of one hundred thousand dollars for the use of your Medical School, if you will, by resolution, agree that women whose previous training has been equivalent to your preliminary medical course, shall be admitted to the school, when it shall open, upon the same terms which may be prescribed for men. There can be no doubt that women ought to be trained to act as nurses for sick women. There is as little doubt that a sufficient number of women ought to be educated and trained in such manner as to be fully able to care for sick women who may wish or ought to be treated by women. We have devoted ourselves to the furtherance of this object. We have reason to hope that a university which proposes to found a medical school intended to teach advanced methods in the treatment of those diseases which affect mankind, will not refuse to women the opportunity of learning such methods. There is now a general interest in our movement. In order that this interest may be sustained, we ask you to consider our offer at the earliest possible period.

NANCY MORRIS DAVIS,
Chairman of the Baltimore Committee."

The following minute was adopted by the Trustees.

The President and Board of Trustees of the Johns Hopkins University have received from Mrs. Nancy Morris Davis, chairman of one of the committees formed for the purpose of raising a fund to procure the most advanced medical education for women, the gratifying intelligence that $100,000 has been raised for the use of their intended Medical School, and is at their disposal, if they will, by resolution, agree to the terms upon which the money was contributed by its donors.

The terms are that this Board, if it accepts the funds thus raised, shall agree, by resolution, that, when its Medical School shall be

opened, women whose training has been equivalent to the preliminary medical course prescribed for men, shall be admitted in such school upon the same terms as may be prescribed for men.

The offer to this University of the particular fund is the free, voluntary act of women residing in this State and in other States, made without the suggestion or solicitation of this Board, and we accept it under and subject to the terms which are made a part of the gift, with the understanding and declaration, however, that such preliminary training in all its parts be obtained in some other institution of learning devoted, in whole or in part, to the education of women, or by private tuition.

The fund so contributed shall be invested and known as "The Women's Medical School Fund," and that fund, and all interest to accrue thereon and all additions made thereto for the same purpose, shall remain invested for the purpose of increase only until, with its aid as a foundation, a general fund has been accumulated amounting to not less than $500,000, and sufficient for the establishment and maintenance of a Medical School worthy of the reputation of this University, and fully sufficient as a means of complete medical education. Then, and not until then, will a Medical School be opened by this University; and then, and not until then, will the gift now offered be used by this University; and then, and not until then, will the terms attached thereto be operative.

The utility of a training school for women nurses has been demonstrated by the experience and practice of the Johns Hopkins Hospital, and by the necessities of home life among our people.

This Board is satisfied that in hospital practice among women, in penal institutions in which women are prisoners, in charitable institutions in which women are cared for, and in private life, when women are to be attended, there are a need and place for learned and capable women physicians; and that it is the business and duty of this Board, when it is supplied with the necessary means for opening its proposed Medical School, to make provision for the training and full qualification of such women for the abundant work which awaits them in these wide fields of usefulness.

Nothing contained in this minute shall be construed as abridging, in any manner, the right of the Board of Trustees of the Johns Hopkins University to make such rules and regulations as they may deem necessary for the government of the School of Medicine, when it is organized; and in making such rules and regulations the terms of this minute shall always be respected and observed.

III

THE MARY ELIZABETH GARRETT FUND *

TERMS OF THE GIFT, AS ACCEPTED BY THE TRUSTEES, FEBRUARY, 21, 1893.

Miss Mary Elizabeth Garrett, in order to make up the sum of $500,000, which the Board of Trustees required should be secured as an endowment before the Medical School of the University was opened, has contributed to that fund the sum of $306,977, upon the following terms, which have been agreed to by the University:

1. That women shall enjoy all the advantages of the Medical School of the Johns Hopkins University on the same terms as men, and shall be admitted on the same terms as men to all the prizes, dignities or honors that are awarded by competition, examination, or regarded as rewards of merit.

2. That not more than $50,000 of the original endowment of $500,000 shall be expended on a building or buildings; and that in memory of the contributions of the Committees of the Women's Medical School Fund, this building, if there be but one, or the chief building, if there be more than one, shall be known as the Women's Fund Memorial Building.

3. That the Medical School of the University shall be exclusively a graduate school as hereinafter explained, that is to say: That the Medical School of the Johns Hopkins University shall form an integral part of the Johns Hopkins University, and, like other departments of the University, shall be under the management and control of the Trustees of the said University, that it shall provide a four years' course, leading to the degree of Doctor of Medicine; that there shall be admitted to the school those students only who, by examination or by other tests equally satisfactory to the Faculty of the Medical School (no distinction being made in these tests or examinations between men and women), have proved that they have completed the studies included in the Preliminary Medical Course (Group Three, Chemical-Biological Course), as laid down in the University Register (but this condition is not meant to restrict the Trustees from receiving as hearers, but not as candidates for the degree of Doctor of Medicine, those who have received the degree of Doctor of Medicine, or its equivalent, in some school of good repute); and that the degree of Doctor of Medicine of the Johns Hopkins University shall be given to no Doctor of Medicine who have not proved by examination or by other tests equally satis-

* So designated by the Trustees, September 24, 1892.

factory to the Faculty of the Medical School that they have completed the studies included in the Preliminary Courses, besides completing the course of instruction of the Medical School of the Johns Hopkins University.

The aforegoing provision shall not be construed as restricting the liberty of the University to make such changes in the requirements for the admission to the Medical School of the Johns Hopkins University or to accept such equivalents for the studies required for admission to this school as shall not lower the standard of admission specified in this clause; provided that the requirements in modern languages other than English shall not be diminished, and provided also that the requirements in non-medical sicentific studies shall include at least as much knowledge of natural science as is imparted in the three minor courses in science now laid down in its university register, the subjects and arrangements of these scientific studies being subject to such modifications as may from time to time seem wise to its Board and to the Faculty of the Medical School, but being at all times the same for all candidates for admission. (For such requirements always see University Register.)

4. That the terms of this gift and the resolutions of October 28, 1890, by which the Trustees accepted the gift of the Women's Medical School Fund, shall be printed each year in whatever annual calendars may be issued announcing the courses of the Medical School. (See appended resolutions.)

5. That there shall be created a committee of six women to whom the women studying in the Medical School may apply for advice concerning lodging and other practical matters, and that all questions concerning the personal character of women applying for admission to the School and all non-academic questions of discipline affecting the women studying in the Medical School shall be referred to this committee, and by them be in writing reported for action to the authorities of the University; that the members of this committee shall be members for life; that the committee, when once formed shall be self-nominating, its nominations of new members to fill such vacancies as may occur being subject always to the approval of the Board of Trustees of the University.

6. That in the event of any violation of any or all of the aforesaid stipulations, the said sum of $306,977 shall revert to her, or such person or persons, institution or institutions, as she by testament or otherwise may hereafter appoint.

It will be observed that by the tenor of the aforegoing terms no university course will be in any way modified by any conditions attached to her gift. These conditions relate exclusively to preparation for the Medical School, and have received, in the shape in

which they are now presented the unanimous approval of the Medical Faculty of the University.

The terms of admission to the Medical School of the University, as formulated and interpreted by the Medical Faculty of the University, February 4, 1893, and here subjoined, are therefore in entire accordance with the terms of her gift.

(Signed) MARY E. GARRETT.

REQUIREMENTS FOR ADMISSION TO THE MEDICAL SCHOOL OF THE JOHNS HOPKINS UNIVERSITY, UNANIMOUSLY APPROVED BY THE MEDICAL FACULTY, FEBRUARY 4, 1893.

A course of four years' instruction will be provided leading to the degree of Doctor of Medicine.

To this course there will be admitted as candidates for the degree:

1. Those who have satisfactorily completed the Chemical-Biological course which leads to the A. B. degree in the University.

2. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have a good reading knowledge of French and German; (*b*) That they have such knowledge of physics, chemistry and biology as is imparted by the regular minor courses given in these subjects in this University.

3. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and the knowledge of French, German, physics, chemistry and biology already indicated.

By approved colleges and scientific schools are meant those whose standard for graduation shall be considered by this University as essentially equivalent to its standard for graduation in the undergraduate department.

It is to be understood that at least one year's study in the Chemical and Biological Sciences in their intermediate relation to medicine shall be required from students after their entrance to the Medical School.

WOMEN'S COMMITTEE OF MEDICAL SCHOOL

MRS. WILLIAM H. HOWELL,
MISS M. CAREY THOMAS,
MRS. THEODORE JANEWAY,
MRS. ADOLF MEYER,
MRS. HOWARD A. KELLY,
MRS. HENRY M. THOMAS.

Their duties are stated in paragraph 5 of the letter printed above.

IV

THE BAXLEY PROFESSORSHIP

By the will of Dr. Henry Willis Baxley, of Baltimore, who died March 13, 1876, a sum of money, amounting to $23,836.52, was received by the Trustees of the University to endow any medical professorship that they might think proper. This fund was kept intact, and was invested by the Trustees with the purpose of allowing it to accumulate until it had reached a sum more adequate to carrying out the desire of the founder. In March, 1901, upon the request of the President and the Medical Faculty, the Board of Trustees of the University directed that this fund shall be set apart to endow the Professorship of Pathology in the University, which shall hereafter be known as the Baxley Professorship of Pathology.

V

THE HERTER LECTURESHIP

In November, 1902, Dr. and Mrs. Christian A. Herter, of New York, offered to the Medical Department of the Johns Hopkins University the sum of $25,000 "for the formation of a memorial lectureship designed to promote a more intimate knowledge of the researches of foreign investigators in the realm of medical science." This gift was accepted by the Trustees of the University November 3, 1902. According to the terms of the gift, some eminent worker in Physiology or Pathology is to be asked each year to deliver a lecture at the Johns Hopkins University upon a subject with which he has been identified. The selection of a lecturer is to be left to a committee representing the departments of pathology, physiological chemistry and clinical medicine, and if "in the judgment of the committee it should ultimately appear desirable to open the proposed lectureship to leaders in medical research in this country there should be no bar to so doing." The committee named for this purpose consists of Drs. Welch, Abel and Janeway.

LECTURERS ON THIS FOUNDATION

Professor Paul Ehrlich, of Frankfort.
Professor Hans H. Meyer, of Vienna.
Professor Sir Almroth E. Wright, of London.
Professor Sir Edward E. Shäfer, of Edinburgh.
Professor Hans Chiari, of Strassburg.
Professor Albrecht Kossel, of Heidelberg.
Professor George F. Nuttall, of Cambridge, England.
Professor Thomas Lewis, University College Hospital Medical School.
Professor Theobald Smith, of the Rockefeller Institute for Medical Research.

VI

THE ENDOWMENT OF THE JOHNS HOPKINS HOSPITAL

The intimate connection between the Medical School and the Johns Hopkins Hospital renders it proper to mention the facilities of the Hospital as an important adjunct to the endowment of the Medical School. By the letter of instruction of the founder, it was provided that the Johns Hopkins Hospital should furnish clinical facilities for the Medical School. In the purchase of the site of the Hospital, the location and arrangement of buildings, the construction of the apparatus for heating and ventilation and all other hygienic appliances, the purpose of medical instruction was constantly borne in mind. The original buildings and grounds of the Hospital, not including the Harriet Lane Home, the Phipps Psychiatric Clinic, the Marburg building, and the Brady Urological Institute and other buildings, have cost upwards of two millions of dollars. Upon the hospital grounds have been erected various buildings, which furnish ample facilities for the accommodation of 600 in-patients and many thousand out-patients, as well as a pathological laboratory, with a large autopsy amphitheatre. These buildings also provide class-rooms in connection with the out-patient department, a large clinical laboratory, a surgical building with five operating rooms, as well as rooms for the study of surgical pathology, clinic rooms, several lecture rooms, and a clinical amphitheatre, all equipped with ample apparatus for the instruction of students. The administration building furnishes accommodation for a medical staff of over fifty persons. It also has a large library and reading rooms.

VII

THE ENDOWMENT OF THE CLINICAL LABORATORY

An endowment, which benefits the Medical School through the Hospital, has been a fund of $10,000 to build and equip a clinical laboratory upon the Hospital grounds for the use of medical students. This laboratory permits each student in the third and fourth years to have a place for clinical work, including microscopes and reagents, the use of a dark room, access to polariscopes and other instruments. It also contains rooms for special study and research.

VIII

THE FUND FOR THE STUDY OF TUBERCULOSIS

This endowment for the study of tuberculosis has been placed in the hands of the Hospital Trustees for the study of the conditions of tubercular diseases in Baltimore. Through the funds afforded it has been practicable to employ a medical graduate to follow cases of tuberculosis and to watch the effects of methods of treatment; also to secure the services of medical students and nurses to visit the homes of tubercular patients and to give instruction as to the better care of the victims of the disease. By means of this fund facilities are further afforded to students to study tubercular cases that come to the out-patient department of the Hospital.

IX

THE PHIPPS FUND FOR THE STUDY OF TUBERCULOSIS

Through the liberality of Mr. Henry Phipps, a fund of $20,000 has been given to the Hospital for the erection of a separate building in connection with the out-patient department, for the special study of tuberculosis. In this building rooms are arranged for the examination and treatment of patients, for a special library on tuberculosis, and for the laboratory study of the disease. The facilities thus afforded give exceptional opportunities for the study of all forms of tuberculosis.

X

THE PHIPPS PSYCHIATRIC CLINIC

In a letter to the Trustees of the Johns Hopkins Hospital, June 12, 1908, Mr. Henry Phipps, of New York, offered the funds necessary for the erection of a psychiatric hospital, on the grounds of the Johns Hopkins Hospital, to accommodate about eighty patients and to contain the necessary laboratory equipment, hydro-therapeutic apparatus and other modern facilities for treatment. He offered, moreover, to the Trustees of the Johns Hopkins University, additional funds for the establishment of a department of psychiatry for a period of ten years from the opening of the clinic. This

generous offer was accepted by the Trustees of the University and Hospital. The building was opened with impressive ceremonies in April, 1913, and affords unsurpassed facilities.

XI

THE HARRIET LANE HOME FOR INVALID CHILDREN

By her last will, Mrs. Harriet Lane Johnston, of Washington, D. C., left a sum of over $400,000 to establish in Baltimore The Harriet Lane Home for Invalid Children as a memorial of two sons who had died in childhood. In order to give this Home the largest usefulness, its Trustees decided to erect it upon the grounds of the Johns Hopkins Hospital and to open its wards for the instruction of physicians and nurses in the diseases of children. The building, which accommodates 100 children, was opened in October, 1912, and affords facilities for the study of the diseases of children, including those of an infectious nature.

XII

THE JAMES BUCHANAN BRADY UROLOGICAL INSTITUTE

In October, 1912, Mr. James Buchanan Brady of New York offered to the Trustees of the Johns Hopkins Hospital funds sufficient for the erection and maintenance of a special building for the care of 60 patients suffering from genito-urinary disorders. This generous offer was accepted, and the building which was opened in October, 1914, is designated as the James Buchanan Brady Urological Institute. It offers exceptional facilities for the treatment of patients, the advancement of knowledge, and the instruction of physicians and students.

XIII

THE WILLIAM H. WELCH FUND FOR CLINICAL EDUCATION AND RESEARCH

In response to the request of the Trustees of the Johns Hopkins University for funds to enable it to place the departments of Medicine, Surgery and Pediatrics upon the full University basis, the

General Education Board, in October, 1913, contributed the sum of one and one-half million dollars, as announced in the following letter:—

Dr. William H. Welch,
Chairman of the Administrative Committee,
Johns Hopkins University, Baltimore.

Dear Dr. Welch:

At a meeting of the General Education Board, held October 23, 1913, your application on behalf of the Johns Hopkins Medical School was presented for consideration. After full discussion the following resolutions were unanimously passed.

"Resolved, That the General Education Board hereby agrees to appropriate the funds necessary to carry out the full-time scheme described in Dr. Welch's letter under date of October 21, 1913, and empowers the Finance Committee to take the necessary steps looking to the execution of this agreement.

"Resolved, That, in view of Dr. Welch's great services to the cause of medical education in America, the fund appropriated as above be called "The William H. Welch Endowment for Clinical Education and Research."

With great respect, I am,
Faithfully yours,
(Signed) WILLIAM BUTTRICK.

October 29, 1913.

In May, 1917, this fund was increased by an additional gift of $350,000.

XIV

THE KENNETH DOWS TUBERCULOSIS RESEARCH FUND

Through the generosity of Mr. Kenneth Dows, a sum not to exceed $17,500 a year, has been guaranteed to the Trustees of the University and the Hospital for five years, beginning September 1, 1916, for the maintenance of laboratory studies of tuberculosis and the extension of the activities of the Tuberculosis Dispensary. He has also given the sum of $17,500 for the provision of the increased laboratory facilities required. Unusual advantages for the teaching and investigation of tuberculosis are thus made available.

XV

SCHOOL OF HYGIENE AND PUBLIC HEALTH

On June 12, 1916, the Rockefeller Foundation decided to establish a School of Hygiene and Public Health at the Johns Hopkins University, "largely by reason of the facilities, organization and ideals of its Medical School." No fixed endowment was voted, but the Rockefeller Foundation promises to furnish the funds for the development of the School on the understanding that its organization and control are undertaken by the Johns Hopkins University. In accordance with this agreement a suitable lot of ground has been purchased adjacent to the Medical School and the Hospital, and plans for a building for the laboratories have been completed. This building is now under construction and part of the Faculty has been selected. It is expected that the School will be opened in October, 1918.

CATALOGUE OF STUDENTS

A—List of Candidates for the degree of M. D.

B—Geographical distribution of Students, etc.

C—List of Physicians attending Graduate and Summer Courses.

STUDENTS, 1917-1918

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

First Year

HARRY DAVIS ABELL. Smithland, Ky. 806 *N. Bdway.*
S. B., University of Kentucky, 1917.

CLYDE I. ALLEN. Danville, Ill. 1622 *E. Biddle St.*
A. B., Illinois Wesleyan Universiy, 1917.

EDWIN COWLES ANDRUS. Oberlin, Ohio. 1611 *E. Biddle St.*
A. B. and A. M., Oberlin College, 1916 and 1917.

WILLIAM DEWITT ANDRUS. Oberlin, Ohio. 1611 *E. Biddle St.*
A. B. and A. M., Oberlin College, 1916 and 1917.

ELIZABETH ARTHURS. Baltimore. *The Homewood.*
A. B., Vassar College, 1916; Summer School, J. H. U., 1916.

CECIL H. BAGLEY. Bagley, Md. 5 *W. Chase St.*
A. B., Johns Hopkins University, 1917.

IMOGEN BALDWIN. Youngstown, Ohio. 101 *Jackson Pl.*
A. B., Mt. Holyoke College, 1916, and Graduate Student, 1916-17.

CLAUDE SCHAEFFER BECK. St. Clair, Pa. 810 *N. Bdway.*
A. B., Franklin and Marshall College, 1916; Graduate Student, University of Pittsburgh, 1916-17.

WALTER ANDREW BELL. New York, N. Y. 1220 *N. Bdway.*
A. B., Williams College, 1917.

RALPH DAVID BERGEN. Barberton, Ohio. 1529 *N. Bdway.*
A. B., Catholic University of America, 1917.

EDITH BOYD. Colorado Springs, Col. 1711 *Fairmount Av.*
A. B., Colorado College, 1917.

DORSEY BRANNAN. Grafton, W. Va. 1614 *E. Biddle St.*
S. B., West Virginia University, 1916.

JAMES VINCENT BROOKS, JR. Baltimore. 3314 *Alto Ave.*
A. B., Johns Hopkins University, 1917.

HELEN BRUCKMAN. San Francisco, Col. 104 *Jackson Pl.*
S. B., University of California, 1912, and Graduate Student, 1915.

CHARLES RICHARD BUGG. Farmville, Vo. 923 *N. Bdway.*
A. B., Hampden-Sidney College, 1916.

WILLIAM MARCUS CORLEY, JR. Mexia, Texas. 1022 *N. Bdway.*
A. B., University of Texas, 1917.

GEORGE RICHARD COUSAR. Bishopville, S. C. 1016 *N. Bdway.*
A. B., Presbyterian College of South Carolina, 1917.

MODESTINO CRISCITIELLO, JR. Jersey City, N. J. 1610 *E. Biddle St.*
A. B., Princeton University, 1917.

JOSEPH CHARLES CUNEO. Hoboken, N. J. 1201 *N. Caroline St.*
S. B., Princeton University, 1917.

MARGARET LOUISE CUTHBERTSON. Oakville, Canada. 102 *Jackson Pl.*
A. B., University of Toronto, 1913.

DAVID DAVIS. Washington, D. C. 403 *N. Bdway.*
A. B., George Washington University, 1917.

KENNETH MOSIER DAY. Pittsburgh, Pa. 1201 *N. Caroline St.*
A. B., Princeton University, 1917.

KATHARINE DODD. Cambridge, Mass. 2033 *Park Av.*
A. B., Bryn Mawr College, 1914.

LUCILE DOOLEY. Knoxville, Tenn. 102 *Jackson Pl.*
A. B., Randolph-Macon Woman's College, 1905; A. M., University of Tennessee, 1915; Ph. D., Clark University, 1916.

MARION DREXEL DOUGLASS, JR. Mansfield, Ohio. 1016 *N. Bdway.*
A. B., Kenyon College, 1917.

ERNEST EDLAVITCH. Bowie.
A. B., Johns Hopkins University, 1917.

DOROTHY EDWARDS. Tallula, Ill. 107 *Jackson Pl.*
S. B., Northwestern University, 1917.

*ELIZABETH EMERSON. Providence, R. I. 2033 *Park Av.*
A. B., Bryn Mawr College, 1917.

WARFIELD MONROE FIROR. Baltimore. 715 *Newington Ave.*
A. B., Johns Hopkins University, 1917.

CLYDE MARVIN FITCH. Portsmouth, O. 1231 *N. Caroline St.*
S. B., Ohio Wesleyan University, 1917.

ROBERT EDWARD FREEMAN. Spokane, Wash.
S. B., University of Washington, 1917.

CLARENCE FRY. McComb, O. 1028 *N. Broadway*
A. B., Ohio Wesleyan University, 1917.

GEORGE HENRY GARDNER. Springfield, O. 1017 *N. Bdway*
A. B., Wittenberg College, 1917.

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* School of Hygiene.

MOSES GELLMAN. Richmond, Va. 1814 *Moreland Av.*
S. B., Richmond College, 1917.

GOMER FLOW GOFF. Sherman, Texas. 1022 *N. Bdway*
A. B., University of Texas, 1917.

HAROLD VERNON HARPER. Butler, Pa. *The Hadding, Lafayette and St. Paul St.*
S. B., Allegheny College, 1916.

JULIAN DERYL HART. Buena Vista, Ga. 1012 *N. Bdway.*
A. B., Emory University, 1916, and A. M., 1917.

WAYNE WILLIAM HEFFLEY. Oley, Pa. 1614 *E. Biddle St.*
S. B., Muhlenberg College, 1917.

JOSIAH B. HIBBETS, JR. Union City, Tenn. 1626 *E. Biddle St.*
A. B., William Jewell College, 1917.

SAMUEL HERBERT HINTON. Dacula, Ga. 1012 *N. Bdway.*
A. B., Emory University, 1916; Graduate Student, 1917.

CHARLES HANCHETT HITCHCOCK. Chittenango, N. Y. 1222 *N. Caroline St.*
S. B., Amherst College, 1917.

IRA LUTHER HOUGHTON. Baltimore. 1719 *N. Calvert St.*
A. B., Johns Hopkins University, 1917.

CHESTER EZEKIEL HURWITZ. Baltimore. 900 *E. Lombard St.*
A. B., Johns Hopkins University, 1917.

DAVID TAYLOR HYATT. Monticello, Ark. 1226 *N. Bdway.*
A. B., Washington and Lee University, 1916.

*MORRILL LEONARD ILSLEY. Waterville, Maine. 1610 *E. Biddle St.*
A. B., Colby College, 1917.

ARTHUR L. JACOBSON. Rugby, N. D. 1622 *E. Biddle St.*
A. B., University of North Dakota, 1917.

CHARLES REES JENKINS. Charleston, S. C. 1028 *N. Bdway.*
S. B., Davidson College, 1917.

LLOYD B. JOHNSTON. Faulkton, S. D. 1228 *N. Eden St.*
S. B., Huron College, 1915.

MANUEL JUSTO. Juncos, P. R. 529 *N. Wolfe St.*
S. B., University of Porto Rica, 1915; M. S., Michigan Agricultural College, 1917.

IRMARITA KELLERS. Jersey City, N J. 111 *Jackson Pl.*
A. B., Vassar College, 1916.

JAROLD ELIJAH KEMP. Bloomington. 120 *Jackson Pl.*
A. B., Western Maryland College, 1917.

RALPH EMERSON KENDALL. Alliance, Ohio. 1016 *N. Bdway.*
S. B., Mount Union College, 1917.

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* School of Hygiene.

EDWARD ANDREW KITLOWSKI. Nanticoke, Pa. 1016 *N. Bdway.*
S. B., Bucknell University, 1917.

HARVEY KLOCK. Herndon, Pa. 411 *N. Bdway.*
A. B., Haverford College, 1917.

LAWRENCE SCHLESINGER KUBIE. New York, N. Y. 529 *N. Wolfe St,*
A. B., Harvard University, 1916.

PAUL BEATTIE MACCREADY. Samarcand, N. C. 1529 *N. Bdway.*
S. B., Princeton University, 1916.

JOHN ARCHIBALD MCKAY. Buie's Creek, N. C. 1016 *N. Bdway.*
A. B. and A. M., University of North Carolina, 1911 and 1912.

JAMES PATRICK MOLLOY, JR. Chicago, Ill. 615 *N. Carrollton Av.*
A. B., St. Ignatius College (Chicago), 1916; Graduate Student, Johns Hopkins University, 1916-1917.

LESLIE EDWIN MYATT. Dickson, Tenn. 1017 *N. Broadway*
S. B., Vanderbilt University, 1917.

JOSEPH EDWARD NOWREY, JR. W. Collingswood, N. J.
A. B., University of Southern California, 1917. 813 *N. Bdway.*

DANIEL P. O'BRIEN. Torrington, Conn. 520 *N. Bdway.*
Ph. B., Yale University, 1915.

ISAAC Y. OLCH. Providence, R. I. 2234 *Mondawmin Av.*
Ph. B., Brown University, 1917.

CAYETANO PANETTIERE. Baltimore. 306 *Madison Av.*
S. B. and A. M., Washington College, 1915 and 1916; Gradutae Student, *ibid.,* 1916-1917.

HENRY MILLER POWELL. Salem, Va. 1519 *N. Bdway.*
A. B., Roanoke College, 1917.

MARIAN CABOT PUTNAM, JR. Boston, Mass. 111 *Jackson Pl.*
A. B., Radcliffe College, 1917.

EVELYN B. REICHENBACH. Rochester, N. Y. 107 *Jackson Pl.*
S. B., University of Rochester, 1917.

WILLIAM HARRY RESNIK. New Haven, Conn. 812 *N. Bdway.*
Ph. B., Yale University, 1916.

KEITH CHILTON RICE. Morristown, Tenn. 1226 *N. Bdway.*
A. B., Washington and Lee University, 1917.

ARCHIBALD LOCKHART RIDDICK. High Point, N. C. 5 *W. Chase St.*
S. B., Guilford College, 1916.

ALICE ELIZABETH ROCKWELL. Ridgefield, Conn. 104 *Jackson Pl.*
A. B., Goucher College, 1917.

WILLIAM HELLMAN ROSENAU. Baltimore. 1515 *Eutaw Place.*
A. B., Johns Hopkins University, 1917.

DAVID HARRY RUBEN. Washington, Pa. 1613 *E. Biddle St.*
S. B., Washington and Jefferson College, 1917.

WILLIAM PAUL SADLER, JR. Little Rock, Ark. 1032 *N. Bdway.*
A. B., University of Arkansas, 1916.

WINFIELD WENTWORTH SCOTT. Batavia, N. Y. 1610 *E. Biddle St.*
S. B., University of Rochester, 1915.

GORDON STIFLER SEAGRAVE. Granville, O. 1310 *N. Bdway.*
A. B., Denison University, 1917.

EUGENE CLAY SHAW. Cuba, Ala. 1519 *N. Broadway.*
A. B., Howard College, 1915, and A. M., 1916.

CHARLES PHILLIPS MAHOOD SHEFFEY. Lynchburg, Va.
A. B. and A. M., Randolph-Macon College, 1914 and 1915.
1222 *N. Caroline St.*

KENNNETH EDWIN SMILEY. Santa Ana, Cal. 810 *N. Bdway.*
S. B., Occidental College, 1917.

ARTHUR ADLER SONDHEIMER. Lancaster, Pa. 1017 *N. Bdway.*
A. B., Franklin and Marshall College, 1917.

DAN MAX STIEFEL. San Antonio, Tex. 1222 *N. Bdway.*
A. B., University of Texas, 1917.

*KO-CHI SUN. Siangtan, China. 2627 *Md. Av.*
A. B., Johns Hopkins University (February 22, 1918).

PAUL WINDOM SUTTON. Baltimore. 1735 *Bolton St.*
A. B., Johns Hopkins University, 1917.

HARRY MORGAN TIEBOUT. Brooklyn, N. Y . 1610 *E. Biddle St.*
S. B., Wesleyan (Conn.) University, 1917.

CHARLOTTE C. VAN WINKLE. Rutherford, N. J. 813 *N. Bdway.*
A. B., Smith College, 1914; Graduate Student, New York University, 1915-16.

HELEN VINCENT. Roxbury, Mass. 107 *Jackson Pl.*
A. B., Mount Holyoke College, 1915.

SILAS WILLARD WALLACE. Spring City, Tenn. 806 *N. Bdway.*
S. B., Earlham College, 1917.

MARY DUNNE WALSH. Richmond, Va. *The Belvedere.*
A. B., Trinity College, 1916; Graduate Student, Columbia University, 1915-16.

GRANT E. WARD. Berea, O. 1610 *E. Biddle St.*
A. B., Baldwin and Wallace College, 1917.

ROXIE ADELINE WEBER. Lagrange, Texas. 107 *Jackson Pl.*
A. B., University of Texas, 1916.

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* Entered January 1, 1918.

ALEXANDER ASHLEY WEECH. Baltimore. 5212 *York Rd., Govans.*
A. B., Johns Hopkins University, 1917.

CASPAR LIGON WOODBRIDGE. Shanghai, China. 420 *N. Bdway.*
A. B., Princeton University, 1916.

MAX MASER ZINNINGER. Canton, Ohio. 812 *N. Bdway.*
A. B., Harvard University, 1917.

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Second Year

WILMAR MASON ALLEN. Upper Marlboro. 518 *N. Bdway.*
A. B., Haverford College, 1916.

RIDGELY WATERS BAER. Roland Park. *Roland Park.*
A. B., Johns Hopkins University, 1916.

GARLAND HOWARD BAILEY. Giatto, W. Va. 1012 *N. Bdway.*
S. B., West Virginia University, 1915; Graduate Student, Harvard, 1915-16.

ELI JEFFERSON BROWDER. Harrison, Mont. 1338 *N. Eden St.*
A. B., Emory and Henry College, 1915.

PAUL E. BROWN. Sparta, Ga. 1022 *N. Broadway.*
S. B., Emory University, 1915.

JOHN GILLETT BURNS. Cuero, Tex. 1526 *E. Biddle St.*
A. B., Southwestern University, 1916.

WILLIAM COURETTE CALDWELL. Athens, La. 1228 *N. Eden St.*
A. B., Louisiana State University, 1911, and M. S., 1912.

ERNEST JOSEPH CAULFIELD. Hartford, Conn. 1801 *N. Bdway.*
S. B., Trinity College (Conn.), 1916.

HAZEN GRAVES CHAMBERLIN. Ischua, N. Y. 1226 *N. Broadway.*
A. B., Pomona College, 1916.

SHEO NAN CHEER. Nanking, China. 521 *N. Wolfe St.*
A. B., University of Nanking, 1917; Graduate Student, Johns Hopkins University, 1916-17; Medical Student, Harvard Medical School of China, 1914-16.

ELEANOR CLARY. Worcester, Mass. 1020 *Cathedral St.*
A. B., Vassar College, 1914; Graduate Student, Radcliffe, 1915-1916.

PAUL CRENSHAW COLONNA. Richmond, Va. 1201 *N. Caroline St.*
A. B., Randolph-Macon College, 1915; Medical Student, Medical College of Virginia, 1916-17.

GUY NELSON CROMWELL. Anne Arundel Co. *Brooklyn.*
A. B., Johns Hopkins University, 1916.

SEVERN TEACKLE WALLIS CULL. Baltimore. 1415 *Park Av.*
A. B., Princeton University, 1914; Graduate Student, Johns Hopkins University, 1915-1916.

HENRY LAURAN DARNER. Hagerstown. 1529 *N. Bdway*
A. B., Western Maryland College, 1916.

DANIEL CADY DARROW. Fargo, N. D. 606 *N. Broadway.*
A. B., Cornell University, 1916.

EDWARD CLARK DAVIDSON. Bellevue, Pa. 527 *N. Wolfe St.*
S. B., Harvard University, 1916.

PERCY BERNARD DAVIDSON. Boston, Mass. 1519 *N. Bdway.*
A. B., Harvard University, 1916.

HERBERT HAYWOOD DAVIS. Omaha, Nebr. 1538 *N. Bdway.*
A. B., Cornell University, 1917; Medical Student, *ibid.*, 1916-17.

FRANCIS RAYMOND DIEUAIDE. New York, N. Y. 21 *W. Chase St.*
A. B., College of the City of New York, 1913. Graduate Student, Columbia University, 1915-1916; Medical Student, *ibid.*, 1916-17.

HELENE DOETSCH. Baltimore. 733 *W. Lombard St.*
A. B., Goucher College, 1916.

ROGER GAMBLE DOUGHTY. Augusta, Ga. 518 *N. Broadway.*
S. B., University of Georgia, 1916.

RICHARD DRESSER. Providence, R. I. 316 *N. Bdway.*
Ph. B., Brown University, 1916.

WILLIAM HILL ECKFORD. Swissvale, Pa. 814 *N. Broadway.*
A. B., Emory College, 1916.

VALCOULON LEMOYNE ELLICOTT. Melvale.
S. B., Massachusetts Institute of Technology, 1916.

AUGUSTUS ROI FELTY. Hartford, Conn. 606 *N. Bdway.*
A. B., Yale University, 1916.

FRANK RODOLPH FORD. Fairfax, Va. 1511 *Bolton St.*
A. B., Johns Hopkins University, 1915.

JAMES CHARLES FOX, JR. Middletown, Conn. 518 *N. Bdway.*
A. B., Williams College, 1916.

ROBERT ELMER FRICKE. Baltimore 2422 *N. Calvert St.*
A. B., Johns Hopkins University, 1916.

JONAS STEIN FRIEDENWALD. Baltimore. 1029 *Madison Av.*
A. B., Johns Hopkins University, 1916.

WILLIAM HARRIS FUNK. South Bend, Ind. 518 *N. Bdway.*
A. B., Williams College, 1916.

MANUEL GUTMAN GICHNER. Baltimore. 1516 *Madison Av.*
A. B., Johns Hopkins University, 1916.

ELMER PAUL GREENAWALT. Springfield, O. 420 *N. Bdway.*
A. B., Wittenberg College, 1915, and A. M., 1916.

*Robert McCulley Halbach. Lancaster, Pa. 716 *N. Broadway.*
S. B., Franklin and Marshall College, 1915, and M. S. 1916.

Franklin McCue Hanger, Jr. Staunton, Va. 1614 *E. Biddle St.*
S. B., University of Virginia, 1916.

Helen Harrington. Denver, Colo. 111 *Jackson Pl.*
A. B., Wellesley College, 1902; A. M., University of Denver, 1915.

Charles Lester Hartsock. Cumberland. 1727 *N. Bdway.*
S. B., St. John's College, 1916.

Harry Morton Hawkins. Pittsburgh, Pa. 420 *N. Bdway.*
A. B., Washington and Jefferson College, 1916.

Raymond Willard Hawkins. Rochester, N. Y. 606 *N. Bdway.*
S. B., University of Rochester, 1916.

Arthur Joseph Hearn. Hudson, N. Y. 1525 *N. Bdway.*
Ph. B., Yale University, 1916.

Leight Monroe Higgins. Athens, O. 1526 *E. Biddle St.*
A. B., Ohio University, 1916.

Alexander Charles Hoffmeister. Athens, O. 1622 *E. Biddle St.*
S. B. and M. S., Ohio University, 1915-16; Summer quarter, Chicago, 1915; Medical Student, Western Reserve Medical School, 1916-17.

William Hollister. New Bern, N. C. 1028 *N. Bdway.*
S. B., Davidson College, 1916.

Emmett Holt. New York, N. Y. 1216 *N. Bdway.*
A. B., Harvard University, 1916.

Philip Bird Hopkins. Baltimore. 234 *Laurens St.*
A. B., Randolph-Macon College, 1913; Summer School, Johns Hopkins University, 1914, 1915, and 1916.

William Banks Huff. Roanoke, Va. 518 *N. Bdway.*
A. B., Roanoke College, 1916.

Edith Banfield Jackson. Colorado Springs, Colo. 104 *Jackson Pl.*
A. B., Vassar College, 1916.

William Oscar Johnson. Winchester, Ky. 420 *N. Bdway.*
S. B., Kentucky Wesleyan College, 1915; Graduate Student, Johns Hopkins University, 1915-16.

Ralph Charles Kahle. Burlington, Ia. 520 *N. Bdway.*
A. B., State University of Iowa, 1916.

Robert Phelps Kennedy. Buffalo, N. Y. 518 *N. Bdway.*
A. B., Cornell University, 1912; Summer Session, Freiburg, 1911.

Halford Benson Kneale. Anderson, Ind. 606 *N. Bdway.*
A. B., DePauw University, 1915.

M. Weir Kneedler. Pittsburgh, Pa. 1338 *N. Eden St.*
S. B., University of Pittsburgh, 1916.

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* School of Hygiene.

GUY WHITMAN LEADBETTER. S. Lincoln, Me. 1526 *E. Biddle St.*
A. B., Bowdoin College, 1916.

CHARLES ALEC LEVIN. Norwich, Conn. 606 *N. Bdway.*
A. B., Brown University, 1916.

BERTRAM DAVID LEWIN. San Antonio, Tex. 1222 *N. Bdway.*
A. B., University of Texas, 1916.

JACOB LIVINGSTON. Dover, N. J. 1019 *N. Broadway.*
S. B., Lafayette College, 1916.

GEORGE MARSHALL LYON. Huntington, W. Va. 518 *N. Bdway.*
S. B., Denison University, 1916.

CHARLES CLIFTON MCCOY. East Liverpool, O. 935 *N. Calvert St*
S. B., Princeton University, 1915.

ARCHIBALD MURDOCH MCKEITHEN. Cameron, N. C. 1612 *E. Biddle St.*
S. B., Davidson College, 1916.

CLYDE MCNEILL. Edgemore, S. C. 520 *N. Bdway.*
A. B., Erskine College, 1915; S. B. and A. M., University of South Carolina, 1916.

JOSEPH MORTIMER MARCUS. Glens Falls, N. Y. 520 *N. Bdway.*
Ph. B., Yale University, 1916.

LAY MARTIN. Roland Park.
S. B., Princeton University, 1915.

WILLIAM CURRY MARTIN. Lexington, Ky. 806 *N. Bdway.*
A. B., State University of Kentucky, 1916.

FITZ RANDOLPH MOORE. Lisbon, O. 810 *N. Broadway.*
A. B., Westminster College (Pa.), 1916.

ELIZABETH GRACE NICHOLLS. Williamsburg, Mass. 107 *Jackson Pl.*
A. B., Vassar College, 1915.

ROBERT WESLEY PARR. Marietta, O. 120 Jackson Pl.
A. B., Marietta College, 1916.

SUSANNE RING PARSONS. Lincoln, Nebr. 8 *E. Read St.*
S. B., University of Nebraska, 1914, and A. M., 1915.

WINTHROP MORGAN PHELPS. Bound Brook, N. J.
S. B., Princeton University, 1916. 1020 *N. Broadway.*

RENA KATE PIPER. Racine, Wis. 104 *Jackson Pl.*
S. B., University of Wisconsin, 1916.

HARRY WILLIAM PLATH. Davenport, N. D. 716 *N. Bdway.*
S. B., Fargo College, 1916.

ARTHUR CHIPMAN PRIMROSE. Baltimore. 518 *N. Broadway.*
A. B., Johns Hopkins University, 1916.

FRANK H. PURCELL. Detroit, Mich. 510 *N. Broadway.*
A. B., University of Michigan, 1916.

FREDERICK LEET REICHERT. Lancaster, Pa. 820 *N. Broadway*
Ph. B., Franklin and Marshall College, 1916.

JOHN AUGUST SCHEURICH. Baltimore. 2201 *Harford Av.*
A. B., Loyola College, 1916.

JOHN ARMSTRONG SHACKELFORD. Martinville, Va. 1216 *N. Bdway.*
S. B., Hampden-Sidney College, 1916.

HUGH PERCY SHELLABEAR. Baltimore. 1519 *N. Broadway.*
A. B., Ohio Wesleyan University, 1912, and A. M., 1913.

EDWARD PIERCE LENTZ SHOPE. Harrisburg, Pa. 527 *N. Wolfe St.*
A. B., Dickinson College, 1916.

HERBERT CLARE SOULE, JR. Rochester, N. Y. 606 *N. Bdway.*
S. B., University of Rochester, 1916.

GEORGE SIDNEY SPRAGUE. Lexington, Ky. 1213 *W. Fayette St.*
S. B., University of Kentucky, 1916.

MARGERY MAY STAUFFER. Toronto, Can. 1711 *Fairmount Av.*
A. B., University of Toronto, 1917; Medical Student, *ibid.*, 1915-17.

DAVID STEEL. Auburn, R. I. 606 *N. Bdway.*
Ph. B., Brown University, 1916.

EMERSON LAW STONE. Utica, N. Y. 518 *N. Broadway.*
A. B., Williams College, 1916.

ARTHUR GEORGE SULLIVAN. Northampton, Mass. 1022 *N. Bdway.*
A. B., Catholic University of America, 1916.

NORMAN E. TANNENBAUM. Crawfordsville, Ind. 1612 *E. Biddle St.*
A. B., Wabash College, 1915, and A. M., 1916.

MARGARET TAYLOR. Canandaigua, N. Y. 104 *Jackson Pl.*
A. B., Vassar College, 1915.

THOMAS HERBERT THOMASON. Huntsville, Tex. 518 *N. Bdway.*
A. B., University of Texas, 1916.

CLARA MABEL THOMPSON. Providence, R. I. 104 *Jackson Pl.*
A. B., Brown University, 1916.

EUGENE NELSON VANDYKE. Renova, Pa. 828 *N. Broadway.*
S. B., Princeton University, 1916.

LEWIS CLARK WAGNER. Nicholasville, Ky. 1612 *E. Biddle St.*
A. B., Georgetown College (Ky.), 1916.

ALGERNON STORRS WARINNER. Richmond, Va. 1610 *E. Biddle St.*
A. B., Hampden-Sidney College, 1914; Summer School, Johns Hopkins University, 1915.

JOSEPH WEINER. New Haven, Conn. 812 *N. Bdway.*
Ph. B., Yale University, 1916; Medical Student, *ibid.*, 1916-17.

ARCHIBALD WIESE. Pittsburgh, Pa. 1020 *N. Bdway.*
S. B., Princeton University, 1916.

STUART PAGE WILLIAMSON. Warrenton, Va.
A. B., Fredericksburg College, 1912; Graduate Student, Johns Hopkins University, 1913-14 and 1915-16.

HELEN JANE ZILLMER. Milwaukee, Wis. 1113 *N. Caroline St.*
A. B., University of Wisconsin, 1916; Medical Student, *ibid.*, 1916-17.

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Third Year

ENOCH HERMON ADAMS. Belgrade Me. 420 *N. Broadway.*
A. B., Bates College, 1913.

JANE B. ARMSTRONG. Rome, N. Y. 111 *Jackson Pl.*
A. B., Smith College, 1910; Graduate student, Syracuse University, 1914-15.

ALVIN GLENWOOOD ATHENS. Summitville, Ind. 606 *N. Broadway.*
A. B., De Pauw University, 1915.

EDGAR DRANE BASKETT. Columbia, Mo. 1626 *E. Biddle St.*
A. B. and A. M., University of Missouri, 1915 and 1916; Medical Student, *ibid.*, 1913-15.

MARY KENDRICK BENEDICT. Cincinnati, O. 102 *Jackson Pl.*
A. B., Vassar College, 1897; Ph. D., Yale University, 1903.

FRANKLIN BLEVINS BOGART. N. Chattanooga, Tenn. 527 *N. Wolfe St.*
S. B. and M. S., University of Wisconsin, 1916-17; Medical Student, *ibid.*, 1914-17.

HAROLD MATHEW BOWCOCK. Springfield, Ill. 812 *N. Bdway.*
S. B. and M. S., University of Michigan, 1916-17; Medical Student, *ibid.*, 1914-16.

DUDLEY PLEASANTS BOWE. Richmond, Va. 1727 *N. Broadway.*
A. B., Richmond College, 1915.

PAUL J. BOWMAN. Middletown, Pa. 1613 *E. Biddle St.*
A. B., Lebanon Valley College, 1915.

MOSES LEWIS BREITSTEIN. Richmond, Va. 1302 *N. Broadway.*
A. B., Richmond College, 1915; Summer School, University of Michigan, 1914.

EDWIN NASH BROYLES. Atlanta, Ga. 510 *N. Broadway.*
S. B., University of Georgia, 1915.

JOHN AMBROSE CLARK BUSBY. Delta, Ia. 1220 *N. Broadway.*
S. B., Grinnell College, 1915.

EUGENE MORRISON CARR. Albuquerque, N. M. 518 *N. Broadway.*
A. B., University of Pennsylvania, 1913; Graduate student, Johns Hopkins University, 1914-1915.

JAMES ROBERT CASH. Chattanooga, Tenn. 1614 *E. Biddle St.*
A. B., University of Virginia, 1914, and A. M., 1915.

HORTON RYAN CASPARIS. Austin, Tex. 518 *N. Broadway.*
A. B., University of Texas, 1915.

LELAND STANFORD CHAPMAN. Los Angeles, Cal. 810 *N. Bdway.*
S. B., Occidental College, 1915.

JOHN GARDNER CHEETHAM. Canton, N. Y. 606 *N. Broadway.*
A. B., St. Lawrence University, 1913; Medical Student, Johns Hopkins University, 1913-15.

LAURENCE BENJAMIN CHENOWETH. Baltimore. 725 *N. Carey St.*
A. B., Johns Hopkins University, 1914.

BENJAMIN MILTON CISSEL. Highland. 1711 *N. Broadway.*
A. B., St. Johns College, 1914.

L. CLARENCE COHN. Baltimore. *Clarerdale Apts.*
A. B., Johns Hopkins University, 1915.

WINCHELL MCKENDREE CRAIG. Washington C. H., O. 420 *N. Bdway.*
A. B., Ohio Wesleyan University, 1915.

CATHERINE CREIGHTON. Evanston, Ill. 518 *Park Av.*
A. B., Bryn Mawr College, 1914; Graduate student, George Washington University, 1914-1915.

LEONARD TOMB DAVIDSON. Oberlin, O. *Windsor Pk., Walbk.*
A. B., Oberlin College, 1912; Medical Student, Johns Hopkins University, 1914-16.

JAMES EDWARD DAVIS. Groseclose, Va. 520 *N. Bdway.*
A. B., Roanoke College, 1915.

EDWARD CARSON DEMMOND. Savannah, Ga. 814 *N. Broadway*
A. B., Emory College, 1915.

EDGAR EVERETT DUNCAN. Waldron, Ark. 1032 *N. Broadway.*
A. B., University of Arkansas, 1915.

RALPH HARPEL DUNLAP. Baltimore. 3300 *Beech Av.*
A. B., Albright College, 1914.

JAMES RALPH DUNN. Camden, S. C. 1612 *E. Biddle St.*
S. B., Davidson College, 1915.

FRANKLIN GESSFORD EBAUGH. Reisterstown. 700 *W. North Av.*
A. B., Johns Hopkins University, 1915.

HORTENSIA AMANDA FARRELL. Batavia, N. Y. 1113 *N. Caroline St.*
S. B., Simmons College, 1912.

*JOHN MILLER TRAIN FINNEY, JR. Baltimore. 1300 *Eutaw Pl.*
S. B., Princeton University, 1915.

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* With Johns Hopkins Hospital Unit.

THOMAS SAMUEL FINNEY. Attica, Ind. 606 *N. Broadway.*
A. B., Wabash College, 1915.

HOMER GLENN FISHER. La Fontaine, Ind. 520 *N. Bdway.*
A. B., Indiana University, 1914, and A. M., 1915.

EARL NEWTON FLOWERS. Clarksburg, W. Va. 1216 *N. Bdway.*
A. B., West Virginia Wesleyan College, 1915; Summer Courses, Johns Hopkins University, 1915.

HELEN BLAIR GEORGE. Portland, Ore. 813 *N. Broadway.*
A. B., University of Oregon, 1913.

WATSON WOMACK GRAY. Farmville, Va. 923 *N. Broadway.*
A. B., Randolph-Macon College, 1915.

JACOB PEARL GREENBERG. New York, N. Y. 1642 *Moreland Av.*
S. B., College of the City of New York, 1915; Summer Session, Columbia University, 1914.

ROBERT ROGER HANNON. Seattle, Wash. 606 *N. Broadway.*
S. B., University of Washington, 1915.

EDWARD M. HANRAHAN, JR. Binghamton, N. Y. 510 *N Bdway.*
A. B., Cornell University, 1915.

JOHN WILLIAM HARBISON. Morganton, N. C. 810 *N. Bdway.*
A. B. and A. M., Trinity College (N. C.), 1912 and 1915; Medical Student, University of North Carolina, 1915-17.

GEORGE GIVINS HARVEY. Armstrong, Mo. 909 *N. Bdway.*
A. B., University of Missouri, 1916; Medical Student, *ibid.*, 1914-16.

RALPH DAVID HERLINGER. Warren, O. 1231 *N. Caroline St.*
S. B., Hobart College, 1915.

HAROLD LEONARD HIGGINS. Boston, Mass. 1035 *N. Calvert St.*
A. B., Harvard University, 1907.

MAUDE E. HILLBERRY. Blue River Wis. 1727 *Fairmount Av.*
S. B., University of Wisconsin, 1916; Medical Student, *ibid.*, 1913-16, and Tufts Medical School, 1916-17.

CHAMPNEYS HOLT HOLMES. Macon, Ga. 1021 *N. Broadway.*
S. B., University of Georgia, 1915.

PAUL ROSCOE HOLTZ. Frederick. 1529 *N. Broadway.*
A. B., Western Maryland College, 1915.

LOIS HUBBARD. Cambridge, Mass. 102 *Jackson Pl.*
A. B., Vassar College, 1915.

CYRIL CHRISTOPHER HUSSEY. Sidney, O. 1538 *N. Broadway.*
S. B., Ohio University, 1915.

WASHINGTON CONNER HUYLER. Tenafly, N. J. 521 *N. Wolfe St.*
S. B., Columbia University, 1915.

ROBERT ALEXANDER JOHNSTON. Tuskegee, Ala. 606 *N. Bdway.*
S. B., University of Alabama, 1915.

HUGH WILSON JOSEPHS. Newport, R. I. 908 *St. Paul St.*
A. B., Harvard University, 1914; Graduate Student, *ibid.*, 1914-1915.

H. DABNEY KERR. Catonsville. 518 *N. Broadway.*
S. B., University of Wisconsin, 1916; Medical Student, *ibid.*, 1914-1916.

HOWARD ATHOS KINNAMAN. Bowling Green, Ky. 2608 *Md. Av.*
S. B., Earlham College, 1915.

WILLIAM MINSTER KUNKEL. Harrisburg, Pa. 1727 *N. Bdway.*
A. B., Franklin and Marshall College, 1915.

LUCILLE LIBERLES. Baltimore. 2347 *Eutaw Pl.*
A. B., Goucher College, 1915.

FERDINAND CHRISTIAN LIEBERKNECHT. Baltimore.
A. B., Cornell University, 1915. 1909 *W. Baltimore St.*

RICHARD SHERMAN LYMAN. Hartford, Conn. 606 *N. Broadway.*
A. B., Yale University, 1913; Graduate Student, Massachusetts Institute of Technology and Harvard University, 1913-1915.

HILMAR GEORGE MARTIN. Milwaukee, Wis. 527 *N. Wolfe St.*
A. B. and A. M., University of Wisconsin, 1915-16; Medical Student, *ibid.*, 1914-16.

BIRKHEAD MACGOWAN. Knoxville, Tenn. 1818 *N. Charles St.*
S. B., University of Tennessee, 1915.

WILLIAM MCINTOSH. Oberlin, O. 1027 *N. Caroline St.*
A. B., Oberlin College, 1913, and A. M., 1915.

JAY MCLEAN. San Francisco, Cal.
S. B., University of California, 1914; Robert M. Girvin Research Fellow, University of Pennsylvania, 1916-17; Joseph Le Conte Memorial Fellow, University of California, 1917-18.

LAURA MARY MOENCH. Gowanda, N. Y. 101 *Jackson Pl.*
A. B., Wellesley College, 1914; Medical Student, Cornell University, 1915-16.

JOHN MERRELL MONFORT. Cartersville, Ga. 1022 *N. Bdway.*
A. B., Emory University, 1915.

DORIS AUDREY MURRAY. St. John, New Bruns. 1113 *N. Caroline St.*
A. B., McGill University, 1915.

LUTHER KYNER MUSSELMAN. Gettysburg, Pa. 420 *N. Broadway.*
S. B., Pennsylvania College, 1915.

NORMAN CLIVE NICHOLSON. Baltimore. 612 *N. Gilmor St.*
A. B., Johns Hopkins University, 1915.

JOSEPH GRANT O'BRIEN, JR. Butte, Mont. 2119 *Homewood Av.*
A. B., St. Francis Xavier's College, 1914.

ALEXANDER THOMAS ORMOND, JR. Grove City, Pa. *Gilman Co. Sch.*
A. B., Princeton University, 1912.

CHARLES EDWARDS PARSONS. Colorado Springs, Colo. 510 *N. Bdway.*
A. B., Amherst College, 1913, and Colorado College, 1914.

*John Rodman Paul. Philadelphia, Pa. 21 *E. Mt. Vernon Pl.*
A. B., Princeton University, 1915.

Dalton Gordon Paxman. Hamilton, N. D. 1613 *E. Biddle St.*
A. B. and M. S., University of North Dakota, 1914 and 1915.

Anna Platt. Baltimore. 1109 *N. Charles St.*
A. B., Bryn Mawr College, 1909; Graduate Student, Johns Hopkins University, 1914-15.

James Valentine Price, Jr. Madison, N. C. 120 *Jackson Pl.*
A. B., University of North Carolina, 1915; Medical Student, *ibid.*, 1915-17.

Robert Emmet Purcell. Shamokin, Pa. 1602 *E. Biddle St.*
A. B., University of Michigan, 1915.

Anne Peril Purdy. Waterboro, Quebec. 111 *Jackson Pl.*
A. B., McGill University, 1915.

Arnold Rice Rich. Birmingham, Ala. 510 *N. Bdway.*
A. B., University of Virginia, and A. M., 1915.

William Francis Rienhoff, Jr. Springfield, Mo. 510 *N. Broadway.*
A. B., Cornell University, 1915.

Dudley Anderson Robnett. Columbia, Mo. 909 *N. Broadway.*
A. B., University of Missouri, 1916; Medical Student, *ibid.*, 1914-16.

George Davis Rowe. Fredericksburg, Va. 518 *N. Bdway.*
A. B., Fredericksburg College, 1910; S. B., Wake Forest College, 1916 (Medical Student, 1914-1916).

Benjamin Sacks. Baltimore. 1707 *E. Fairmount Av.*
A. B., Johns Hopkins University, 1915.

Irwin Clement Schumacher. Yuba City, Cal. 518 *N. Bdway.*
A. B., University of California, 1915.

George Salvadore Stevenson. Baltimore. 1637 *Ashland Av.*
S. B., Bucknell University, 1915.

Harold Julian Stewart. Onancock, Va. 21 *W. Chase St.*
A. B., Johns Hopkins University, 1915; Medical Student, *ibid.*, 1915-16, and Columbia University, 1916-17.

Bessie Talbot Strongman. Brookline, Mass. *The Walbert.*
S. B., University of Chicago, 1915.

Edyth Claire Swarthout. Lacrosse, Wis. 1113 *N. Caroline St.*
A. B. and A. M., University of Wisconsin, 1913-17; Medical Student, *ibid.*, 1912-13, and 1916-17.

Frank Carleton Thomas. Roanoke, Va. 234 *Laurens St.*
A. B., Randolph-Macon College, 1915.

Madge DeGrofft Thurlow. Philadelphia, Pa. 1509 *E. North Av.*
A. B., Goucher College, 1914.

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* With Johns Hopkins Hospital Unit.

CLAUD IRVING UHLER. Baltimore. 605 *N. Carrollton Av.*
A. B., Johns Hopkins University, 1915.

ALLEN FISKE VOSHELL. Lutherville. 510 *N. Broadway.*
A. B., Johns Hopkins University, 1915.

EMANUEL U. WALLERSTEIN. Richmond, Va. 1302 *N. Bdway.*
A. B., University of Virginia, 1914.

LESLIE TILLOTSON WEBSTER. Mt. Vernon, N. Y. 510 *N. Bdway.*
A. B., Amherst College, 1915.

GEORGE HUNTINGTON WILLIAMS. Baltimore. 803 *Cathedral St.*
A. B., Harvard University, 1915.

JUDSON THOMAS WILLIAMS. Colo. Springs, Colo. 806 *N. Broadway.*
A. B., Colorado College, 1915.

HENRY STUART WILLIS. High Point, N. C. 2022 *Mt. Royal Ter.*
A. B., University of North Carolina, 1914.

HENRY MORGAN WINANS. Denver, Colo. 578 *N. Broadway.*
A. B., Leland Stanford, Jr., University, 1916; Medical Student, *ibid.*, 1915-1916.

H. GARNER WRIGHT. Seattle, Wash. 606 *N. Broadway.*
S. B., University of Washington, 1913; Medical Student, Johns Hopkins University, 1914-1915.

JOHN BARLOW YOUMANS. Mukwonago, Wis. 527 *N. Wolfe St.*
A. B. and M. S., University of Wisconsin, 1915 and 1916; Medical Student, *ibid.*, 1914-1916.

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Fourth Year

CLEMENT HARRISSE ARNOLD. San Francisco, Cal. 2032 *Eutaw Pl.*
A. B., Stanford University, 1910; Medical Student, *ibid.*, 1914-1916.

JOHN WARD BAYLOR. Wardell, Va. 606 *N. Bdway.*
A. B., Washington and Lee University, 1914.

HARRY EDWIN BLAIR. Hagerstown. 420 *N. Bdway.*
A. B., Western Maryland College, 1914.

HERMAN JOHN BOLLINGER. Toledo, O. 1519 *N. Broadway*
S. B., Heidelberg University (Ohio), 1914.

*DAVID THOMAS BOWDEN, JR. Passaic, N. J. 1118 *Madison Av.*
A. B., Johns Hopkins University, 1914.

*ALBERT HOWELL BREWSTER. Atlanta, Ga. 1254 *N. Bdway.*
A. B., University of Virginia, 1914.

FRIEDMANN HOLMES CATHRALL. West Pittston, Pa. 606 *N. Bdway.*
S. B., Bucknell University, 1914.

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* With Johns Hopkins Hospital Unit.

*Richard Gilmore Coblentz. Baltimore. 410 *N. Calhoun St.*
A. B., Johns Hopkins University, 1914.

*Frank Davies Conboy. Cullowhee, N. C. 606 *N. Bdway.*
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S. B. and M. S., Howard College, 1908 and 1909; Medical Student, Johns Hopkins University, 1911-14.

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A. B., Radcliffe College, 1913.

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A. B., Rutgers College, 1914.

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A. B., Yale University, 1914.

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*Lawrence Getz. Baltimore. 1111 *W. Lanvale St.*
A. B., Johns Hopkins University, 1914.

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S. B., Whitworth College, 1914.

Blaine Randolph Goldsberry. Athens, O. 606 *N. Broadway.*
S. B., Ohio University, 1914.

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S. B., Lafayette College, 1914.

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A. B., Ohio State University, 1914.

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A. B., Richmond College, 1914.

---

* With Johns Hopkins Hospital Unit.

NATHAN BERNARD HERMAN. Baltimore. *Cordova Apts.*
A. B., Johns Hopkins University, 1914.

ROLFE LOUIS HILLMAN. St. Paul, Va. 1228 *N. Eden St.*
A. B., Emory and Henry College, 1914.

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A. B., St. John's College, 1914.

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A. B., Newberry College, 1911; A. M., University of Virginia, 1913.

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A. B., State University of Iowa, 1914.

*JOHN ALBERT KEY. St. Petersburg, Fla. 606 *N. Bdway.*
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A. B., Washington and Jefferson College, 1913.

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*WILLIAM FRANK MCFEE. Concord, Tenn. 1032 *N. Bdway.*
A. B., University of Tennessee, 1914.

*JOSEPH WATSON MARTINDALE. Camden, N. J. 420 *N. Broadway.*
Ph. B., Yale University, 1913.

JOHN GASTON MATEER. Wooster, O. 518 *N. Broadway.*
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A. B., Princeton University, 1914.

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S. B., Vanderbilt University, 1915; Medical Student, *ibid.*, 1914-1916.

ISRAEL WILLIAM NACHLAS. Baltimore. 22 *S. High St.*
A. B., Johns Hopkins University, 1914.

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* With Johns Hopkins Hospital Unit.

† Absent on leave.

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*CLARENCE CHIPLEY PORTER. Baltimore. 2054 *Woodberry Av.*
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ROBERT ROSEN. Detroit, Mich. 1029 *N. Bdway*
S. B., Michigan Agricultural College, 1913.

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A. B., Johns Hopkins University, 1914.

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A. B., Oberlin College, 1914.

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S. B., Military College of South Carolina, 1913; A. M., University of South Carolina, 1914. 1032 *N. Broadway.*

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S. B., Massachusetts Institute of Technology, 1914.

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A. B., University of Georgia, 1912.

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KARL HART TANNENBAUM. Crawfordsville, Ind. 1626 *E. Biddle St.*
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*LAWSON WILKINS. Baltimore. 6 *N. Broadway.*
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LEGRAND WOOLLEY. Salt Lake City, Utah. 1718 *E. Madison St.*
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RODES ESTILL YAGER. Georgetown, Ky. 1626 *E. Biddle St.*
S. B., Georgetown College (Ky.), 1913.

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OF THE

MEDICAL DEPARTMENT

ESTABLISHED IN CONNECTION WITH THE JOHNS HOPKINS HOSPITAL

GEORGE J. COY, Editor

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Established in connection with the Johns Hopkins Hospital

CATALOGUE AND ANNOUNCEMENT FOR 1918-1919

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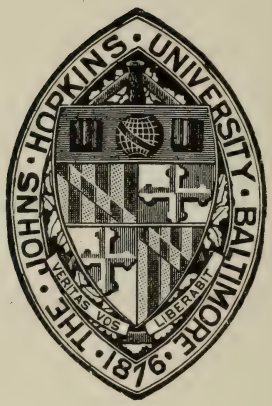
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JUNE						
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JULY						
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AUGUST						
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CALENDAR, 1918-1919

1918.

October 1 (Tuesday)—Instruction begins. Twenty-sixth academic year.

November 28 (Thursday)—Thanksgiving Day. All classes suspended.

December 2 (Monday)—Instruction resumed.

December 21 (Saturday)—The Christmas recess begins. (9 a. m.)

1919.

January 3 (Friday)—Instruction resumed.

February 22 (Saturday)—Commemoration Day. Public exercises at 11 a. m. All classes suspended

April 17 (Thursday)—The Easter recess begins.

April 24 (Thursday)—Instruction resumed.

May 1 (Thursday)—Last day of application for Hopkins Scholarships for Maryland, North Carolina and Virginia.

June 10 (Tuesday)—Commencement Day. Public exercises at 4 p. m.

September 26 (Friday)—Candidates for admission will assemble in the auditorium of the Physiological Building (East Monument and Washington streets), at 10 a. m.

September 30 (Tuesday)—Instruction resumed. Twenty-seventh academic year.

The Treasurer's office is in Gilman Hall at Homewood, and is open daily from 9 a. m. to 4.15 p. m.

The offices of the Dean and of the Registrar of the Medical Department are in the Physiological building, near the corner of East Monument and Washington Streets, and are open daily from 9 a. m. to 5 p. m.

For catalogue and general information, address the Registrar of the Medical Department, The Johns Hopkins University, corner of Washington and Monument Sts., Baltimore, Maryland.

TRUSTEES

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H. Crawford Black
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John C. Thomas, *Treasurer*

FACULTY AND TEACHING STAFF *

FRANK JOHNSON GOODNOW, LL. D.

President of the University

B., Amherst College, 1879, and A. M., 1887; LL. B., Columbia University, 1882; LL. D., Amherst College, 1898, Columbia University, 1904, Harvard University, 1909; Brown University, 1914; Princeton University, 1917; Professor of Administrative Law, Columbia University, 1887-1914; Legal Adviser o the Chinese Government, 1913-1914.

6 W. Madison St.

UNIVERSITY STAFF

PROFESSORS

WILLIAM HENRY WELCH, M. D., LL. D.

ector and Head of the Department of Bacteriology and Immunology of School of Hygiene and Public Health

A., Yale University, 1870; M. D., Columbia University (College of Physicians d Surgeons, N. Y.), 1875; M. D. (Hon.), University of Pennsylvania, 1894; L. D., Western Reserve University, 1894, Yale University, 1896, Harvard University, 1900, University of Toronto, 1903, Columbia University, 1904, Jefferson Medical College, 1907, Princeton University, 1910, Washington University, 15, and University of Chicago, 1916; Professor of Pathological Anatomy and neral Pathology in the Bellevue Hospital Medical College, N. Y., 1879-84; an of the Medical Faculty, 1889-98; President of the National Academy of ences, 1913-1917; President of the Board of Directors of the Rockefeller stitute for Medical Research; President of the American Association for the vancement of Science, 1906; President of the American Medical Association, 10-1911; Member of the American Philosophical Society; Pathologist to the ns Hopkins Hospital, and Baxley Professor of Pathology, 1884-1917.

807 St. Paul St.

OWARD ATWOOD KELLY, M. D., LL. D., Hon. F. R. C. S.

Professor of Gynecology **

University of Pennsylvania, 1877, and M. D., 1882; LL. D., University of Aberdeen and Washington and Lee University, 1906, University of Pennsylvania, 1907; Associate Professor of Obstetrics, University of Pennsylvania, 8-89; Professor of Gynecological Surgery in the Johns Hopkins University, 0-99; Honorary Member, Royal Medical Society of Edinburgh; Associate ign Member, Society of Obstetrics, Gynecology and Pediatrics, and Chirurgical Society, Paris; Corresponding Member, Obstetrical Society, Leipzig; ow, British Gynecological Society; Hon. Fellow, Edinburgh Obstetrical ety, Glasgow Obstetrical and Gynecological Society, Royal Academy of icine (Ireland); Hon. Member, Italian Society of Obstetrics and Gynecology, e; *Gynecologist-in-Chief, Johns Hopkins Hospital.*

1418 Eutaw Place

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e names in the several groups are arranged in the order of appointment, and rected up to October 1, 1918. Flag indicates those absent on military service.
** is department is not yet organized upon the full University basis.

WILLIAM STEWART HALSTED, M. D., Sc. D., LL. D., Hon. F. R. C. S.

Professor of Surgery

A. B., Yale University, 1874; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1877; LL. D., Yale University, 1904, and University of Edinburgh, 1905; Sc. D., Columbia University, 1904; Foreign Corresponding Member, Harveian Society, London; Honorary Fellow, Royal College of Surgeons, England, 1900; Edinburgh, 1905 and College of Surgeons of America, 1913; Membre Corresp. Etranger de la Societé de Chirurgie, 1909; Membre Titulaire de l'Association Française de Chirurgie 1914; Ehrenmitglied der Deutschen Gesellschaft für Chirurgie, 1914; Hon. Member Societas Medicorum Sverana, Stockholm, 1918; Foreign Member Royal Swedish Academy of Science, 1918; Member of the National Academy of Sciences; *Surgeon-in-Chief, the Johns Hopkins Hospital.*

1201 Eutaw Place

JOHN J. ABEL, M. D., Sc. D.

Professor of Pharmacology

Ph. B., University of Michigan, 1883, A. M. (Hon.), 1903, and Sc. D., 1912, and University of Pittsburgh, 1915; M. D., University of Strassburg, 1888; Lecturer and Professor of Materia Medica and Therapeutics, University of Michigan, 1890-93; Hon. Member, Philadelphia College of Pharmacy; Corresponding Member, K. K. Gesellschaft der Aertze, Vienna; Member of the National Academy of Sciences; *Editor of the Journal of Pharmacology and Experimental Therapeutics.*

Woodlawn, Windsor Mill Road

WILLIAM HENRY HOWELL, Ph. D., M. D., Sc. D., LL. D.

Professor of Physiology and Assistant Director and Head of the Department of Physiology, School of Hygiene and Public Health

A. B., Johns Hopkins University, 1881, Fellow, 1882-84, and Ph. D., 1884; LL. D., Trinity College (Conn.), 1901; Sc. D., Yale University, 1911; M. D. (Hon.), University of Michigan, 1890, LL. D., 1912; LL. D., Washington University, 1915; Assistant in Biology, 1884-85, Associate, 1885-88, and Associate Professor, 1888-89; Lecturer and Professor of Physiology and Histology, University of Michigan, 1889-92; Associate Professor of Physiology, Harvard University, 1892-93; Member of the National Academy of Sciences and of the American Philosophical Society; Dean of the Medical Faculty, 1899-1911; *Associate Editor of the American Journal of Physiology.*

232 W. Lanvale St.

JOHN WHITRIDGE WILLIAMS, M. D., Sc. D., LL. D.,

Professor of Obstetrics** and Dean.

A. B., Johns Hopkins University, 1886; M. D., University of Maryland, 1888, and Sc. D. (Hon.), 1907, and University of Dublin, 1912; LL. D., University of Pittsburgh, 1915; Associate in Obstetrics, 1893-96; and Associate Professor, 1896-99; *Obstetrician-in-Chief, Johns Hopkins Hospital.*

1128 Cathedral St

** This department is not yet organized upon the full University basis.

WALTER JONES, Ph. D.

Professor of Physiological Chemistry

A. B., Johns Hopkins University, 1888, and Ph. D., 1891; Professor of Natural Science, Wittenberg College, 1891-92; Professor of Analytical Chemistry, Purdue University, 1892-95; Assistant in Physiological Chemistry and Toxicology, Johns Hopkins University, 1896-99; Associate, 1899-1901; Associate Professor, 1901-1908; Member of the National Academy of Sciences.

2621 St. Paul St.

ADOLF MEYER, M. D., LL. D.

Professor of Psychiatry **

Zürich Gymnasium, 1885; Swiss Staatsexamen, 1890; M. D., University of Zürich, 1892; LL. D., University of Glasgow, 1901, and Clark University, 1909; Honorary Fellow and Docent in Neurology, University of Chicago, 1892-95; Pathologist and Director of Clinical Work, Worcester (Mass.) Hospital for the Insane, and Docent in Psychiatry, Clark University, 1895-1902; Director of the Pathological (Psychiatric) Institute, New York State Hospitals, Ward's Island, 1902-1910; Professor of Psycho-Pathology, Cornell, 1904-1909; Consulting Alienist, City Detention Hospital, Bay View; *Psychiatrist-in-Chief, Johns Hopkins Hospital.*

9 Rugby Road, Guilford

JOHN HOWLAND, M. D.,

Professor of Pediatrics

A. B., Yale University, 1894, and A. M. (Hon.), 1914; M. D., New York University College of Medicine, 1897, and Cornell University, 1899; House Officer, Presbyterian Hospital, N. Y., 1897-1899, and N. Y. Foundling Hospital, 1899-1900; Pathologist and Assistant Attending Pediatrician, N. Y. Foundling Hospital, 1902-1911; Pediatrician in charge of Children's Clinic, Bellevue Hospital, 1909-1911; Instructor and Associate in Pediatrics, Columbia University; Professor of Pediatrics, Washington University, St. Louis, 1911-1912; Editor, American Journal Diseases of Children; Member of Council of Pharmacy and Chemistry, A. M. A.; Consulting Pediatrician, City Hospital, Bay View; *Director of the Harriet Lane Home and Pediatrician-in-Chief, Johns Hopkins Hospital.*

Oak Pl. and Charles St. Ave.

WARREN HARMON LEWIS, M. D.

Professor of Physiological Anatomy

S. B., University of Michigan, 1894, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor and Associate Professor of Anatomy, 1900-1913; *Co-editor of The Anatomical Record.*

500 Hawthorne Road

WILLIAM GEORGE MAC CALLUM, M. D.

Baxley Professor of Pathology

A. B., University of Toronto, 1894; M. D., Johns Hopkins University, 1897; Resident House Officer, Resident Bacteriologist and Assistant Resident and Resident Pathologist, 1897-1909; Associate Professor of Pathology, 1900-08; Professor of Pathological Physiology and Lecturer in Forensic Medicine, 1908-1909; Visiting Pathologist, Presbyterian Hospital and Professor of Pathology, Columbia University, 1908-1917; *Pathologist-in-Chief, Johns Hopkins Hospital.*

615 St. Paul St.

** This department is not yet organized upon the full University basis.

FLORENCE RENA SABIN, M. D., Sc. D.

Professor of Histology

S. B., Smith College, 1893, Sc. D., 1910, and Assistant in Zoology, 1895-96; M. D., Johns Hopkins University, 1900; Assistant, Instructor, Associate and Associate Professor of Anatomy, 1902-1917; Resident House Officer, 1900-1901; Holder of Woman's Fellowship in Anatomy, 1901-1902; *Co-editor of The Anatomical Record.*

1325 Park Av.

WILLIAM SYDNEY THAYER, M. D., LL. D., Hon. F. R. C. P. I.

Professor of Medicine

A. B., Harvard University, 1885, and M. D., 1889; LL. D., Washington College, 1907; Honorary Fellow, Royal College of Physicians of Ireland, 1912; Resident Physician, Johns Hopkins Hospital, 1891-1898; Associate in Medicine, 1899-1905, and Associate Physician, 1905-14; Associate and Associate Professor of Medicine, Johns Hopkins University, 1895-1905; Professor of Clinical Medicine, 1905-1918; *Visiting Physician, Johns Hopkins Hospital.*

LOUIS VIRGIL HAMMAN, M. D.

Associate Professor of Clinical Medicine and Acting Head of Department

A. B., Rock Hill College, 1896; Graduate Student, Johns Hopkins University, 1896-97, M. D., 1901, and Assistant, Instructor and Associate in Medicine, 1903-1915; House Physician, New York Hospital, 1902-1903; Physician in charge, Phipps Dispensary, 1905-1915; *Assistant Visiting Physician, Johns Hopkins Hospital.*

714 Park Av.

WILLIAM OSLER, M. D., LL. D., D. C. L., F. R. S.

Honorary Professor of the Principles and Practice of Medicine

M. D., McGill University, 1872; LL. D., McGill, 1895, Aberdeen, 1898, Toronto, 1899, Yale, 1901, Harvard, 1904, Johns Hopkins, 1905; D. C. L., Edinburgh, 1898, Trinity (Toronto), 1902; M. D. (Hon.), Oxford, 1905; D. Sc., Dublin, 1912; Fellow of the Royal Society of London; Fellow of the Royal College of Physicians, London; Professor of the Institutes of Medicine, McGill University, 1874-84; Professor of Clinical Medicine, University of Pennsylvania, 1884-89; Dean of the Medical Faculty, 1898-99; Professor of the Principles and Practice of Medicine, 1889-1905; Physician-in-Chief, the Johns Hopkins Hospital, 1889-1905; Regius Professor of Medicine, University of Oxford.

Oxford, England

HENRY MILLS HURD, M. D., LL. D.

Professor Emeritus of Psychiatry

A. B., University of Michigan, 1863, M. D., 1866, A. M., 1870, and LL. D., 1895; Professor of Psychiatry, Johns Hopkins University, 1889-1906; Superintendent of the Eastern Michigan Hospital, 1878-89; Superintendent of the Johns Hopkins Hospital, 1889-1911; Editor of the Johns Hopkins Hospital Bulletin and of the Johns Hopkins Hospital Reports, 1889-1911; Editor of the American Journal of Insanity; *Secretary, Board of Trustees of the Johns Hopkins Hospital.*

1023 St. Paul St.

ASSOCIATE PROFESSORS

MAX BROEDEL

Associate Professor of Art as Applied to Medicine

Academy of Arts, Leipzig, 1885-90; Illustrator, University of Leipzig, 1890-1894; Instructor in Art as Applied to Medicine, Johns Hopkins University, 1905-1906.

320 Suffolk St., Guilford

DONALD RUSSELL HOOKER, M. D.

Associate Professor of Physiology

A. B., Yale University, 1899, M. S., 1901; M. D., Johns Hopkins University, 1905; Graduate Student, University of Berlin, 1905-1906; Assistant, Instructor and Associate in Physiology, 1906-1910; *Managing Editor, American Journal of Physiology.*

Upland, Roland Park

CHARLES DAVID SNYDER, Ph. D.

Associate Professor of Physiology

A. B., Leland Stanford, Jr. University, 1896; M. S., and Ph. D., University of California, 1904 and 1905; Holder of Columbia University Table at Zoölogical Station, Naples, 1906; Medical Student, Universities of Berlin and München, 1906-1908; Fellow, Instructor and Associate in Physiology, Johns Hopkins University, 1907-1911.

730 Wyndhurst Ave., Roland Pk.

EDWARDS A. PARK, M. D.

Associate Professor of Pediatrics

A. B., Yale, 1900, and M. D., College of Physicians and Surgeons (N. Y.), 1905; Resident Physician, Roosevelt Hospital, 1905-07, and New York Foundling Hospital, 1907-08; Instructor in Medicine and Pediatrics, and Proudfit Fellow in Medicine, College of Physicians and Surgeons (N. Y.), 1909-12; *Associate Pediatrician, Johns Hopkins Hospital.*

1529 Bolton St.

CHARLES MACFIE CAMPBELL, M. D.

Associate Professor of Psychiatry

A. M., University of Edinburgh, 1897, and B. Sc., 1900, M. B. Ch. B., 1902, and M. D., 1911; Member of Royal College of Physicians of Edinburgh, 1908; Associate in Clinical Psychiatry, Psychiatric Institute, New York, 1908-1911; Instructor in Psychopathology, Cornell University Medical School, 1910-1913; First Assistant in Bloomingdale Hospital, New York, 1911-13; *Associate Psychiatrist, Johns Hopkins Hospital.*

21 Talbot Rd., Windsor Hills

PAUL WISWALL CLOUGH, M. D.

Associate Professor of Medicine

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Assistant, Instructor and Associate in Medicine, 1908-1916; Resident House Officer, Assistant Resident and Resident Physician and Medical Adviser to Students, 1907-1916; *Associate Physician, Johns Hopkins Hospital.*

3905 Cloverhill Road.

CLYDE GRAEME GUTHRIE, M. D.

Associate Professor of Medicine

A. B., Lafayette College, 1903; M. D., Johns Hopkins University, 1907; Assistant, Instructor and Associate in Medicine, 1908-1916; Resident House Officer and Resident Physician in charge of Private Wards, 1907-1916; *Associate Physician, J. H. H., in charge of Clinical Laboratory.*

16 E. Biddle St.

GEORGE JULIUS HEUER, M. D.

Associate Professor of Surgery

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; Instructor and Associate in Surgery, 1912-1916; Resident House Officer, Assistant Resident and Resident Surgeon, 1907-1914; *Associate Surgeon, Johns Hopkins Hospital.*

16 E. Biddle St.

ALLEN KRAMER KRAUSE, M. D.

Associate Professor of Medicine

A. B., Brown University, 1901, and A. M., 1902; M. D., Johns Hopkins University, 1907; Assistant and Instructor in Pathology, 1907-1909; Assistant, and Assistant Director, Saranac Laboratory for Study of Tuberculosis, 1909-1916; *Managing Editor, American Review of Tuberculosis;* Instructor, Trudeau School of Tuberculosis; *Physician in charge, Phipps Tuberculosis Dispensary; Assistant Physician, J. H. H.*

3 Norwood Pl., Guilford.

ELI KENNERLY MARSHALL, Jr., Ph. D., M. D.

Associate Professor of Pharmacology

S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911, and M. D., 1917; Assistant and Associate in Physiological Chemistry, 1911-14; Associate in Pharmacology, 1914-1917.

3406 Rodman St., N. W., Washington, D. C.

LEWIS HILL WEED, M. D.

Associate Professor of Anatomy

A. B., Yale University, 1908 and M. A., 1909; M. D., Johns Hopkins University, 1912; Instructor and Associate in Anatomy, 1914-1917; in Charge of the Laboratory of Surgical Research, Harvard, 1912-1913; Arthur Tracy Cabot Fellow, Harvard, 1913-1914.

The Latrobe

DAVID WRIGHT WILSON, Ph. D.

Associate Professor of Physiological Chemistry

S. B., Grinnell College, 1910; Ph. D., Yale University, 1914; Assistant and Associate in Physiological Chemistry, 1914-1917.

EMIL GOETSCH, M. D.

Associate Professor of Surgery

S. B., University of Chicago, 1903, and Ph. D., 1906; Fellow Assistant and Associate in Anatomy, *ibid*, 1904-1908; Research Assistant, Department of Experimental Therapeutics, *ibid.*, 1908 and 1909; M. D., Johns Hopkins University, 1909; Assistant and Associate in Surgery, 1909-1918; Assistant Resident Surgeon, 1910-1912; Resident Surgeon, Peter Bent Brigham Hospital, and Assistant in Surgery, Harvard Medical School, Boston, 1912-1915; *Associate Suregon, Johns Hopkins Hospital.*

2012 Edgewood St.

ADMONT HALSEY CLARK, M. D.

Associate Professor of Pathology

A. B., Oberlin College, 1910; M. D., Johns Hopkins University, 1915; Assistant, Instructor, and Associate in Pathology, 1915-1918; Pathologist, City Hospital, Bay View; *Assistant Pathologist, J. H. H.*

1211 John St.

LECTURERS

WILLIAM WEBBER FORD, M. D., D. P. H.

Lecturer in Hygiene and Associate Professor of Bacteriology, School of Hygiene and Public Health

A. B., Adelbert College, 1893; M. D., Johns Hopkins University, 1898; Instructor, Associate, and Associate Professor of Bacteriology, 1904-1910; Associate Professor of Bacteriology and Hygiene, 1910-1917; D. P. H., McGill University, 1900 and Fellow in Pathology, 1899-1901; Resident House Officer, Johns Hopkins Hospital, 1898-99; Fellow, Rockefeller Institute for Medical Research, 1901-02; Institute for Infectious Diseases, Berlin, 1901-1902, and Johns Hopkins University, 1902-1903; Hygienic Institute, University of Vienna, 1912-1913; Lecturer on Hygiene and Legal Medicine, Johns Hopkins Medical School, 1917-.

Woodbrook.

OMER VAN DER STRICHT, M. D.

Lecturer in Anatomy

M. D., University of Ghent (Belgium), 1888; Assistant and "chef des travaux" of Histology, Embryology and Anatomy of the University of Ghent, 1890-1899; Professor of Histology and Embryology, 1899; Correspondent of the Belgian Royal Academy of Medicine, 1907; Director of the "Archives de Biologie;" Fellow in Cytology, Western Reserve University, Cleveland, 1915-1917.

122 W Franklin St.

NATHAN WORTH BROWN, M. D.

Lecturer in Medicine

S. B., Denison University, 1900; M. D., Western Reserve University, 1903; Resident Physician, Charity Hospital, Cleveland, 1903-1905; Visiting Physician, St. Vincent's Hospital, Toledo, 1907-1909; Visiting Physician, University Hospital, Nanking, 1912-1917; Prof. of Clinical Medicine, University of Nanking Medical School, 1913-1916; *Assistant Physician, Johns Hopkins Hospital.*

WILLIAM SNOW MILLER, M. D.

Lecturer in Medicine

M. D., Yale University, 1879; Fellow, Clark University, 1890-92, University of Leipzig, 1895-96, and Johns Hopkins University, 1905-06. Pathologist, City and Memorial Hospitals, Worcester, Mass., 1889-92; Instructor in Biology and Comparative Anatomy, Assistant, Associate, and Professor of Anatomy, University of Wisconsin, 1892-; Member, American Association of Anatomists; Fellow, American Association for the Advancement of Science; of the A. M. A., and Wisconsin Academy.

1601 Eutaw Pl.

EDWARD PERKINS CARTER, M. D.

Lecturer in Medicine

M. D., University of Pennsylvania, 1894; Asssitant Clinical Professor of Medicine, Western Reserve School of Medicine; *Assistant Physician.*

The Johns Hopkins Hospital.

ASSOCIATES

PAUL DUDLEY LAMSON, M. D.

Associate in Experimental Therapeutics

A. B., Harvard, 1905, and M. D., 1909; Medical House Officer, Massachusetts General Hospital, Boston, 1909-1911; Sheldon Travelling Fellowship, 1911-1913; Lecture Assistant in Pharmacology, University of Würzburg; Pharmacological Laboratory University College, London University; Assistant Resident Physician, Peter Bent Brigham Hospital, Boston, 1913-1914; Assistant in Experimental Therapeutics, 1914-1915.

EVERETT DUDLEY PLASS, M. D.

Associate in Obstetrics

A. B., Colgate University, 1907; M. D., Johns Hopkins University, 1911; R. H. O., 1911-12; Assistant and Instructor in Obstetrics and Assistant Resident and Resident Obstetrician, 1912-1917; Assistant Resident Gynecologist, Sloane Hospital for Women, N. Y., 1913-14; *Assisting Visiting Obstetrician, J. H. H.*

DAVID MELVIN DAVIS, M. D.

Associate in Urology

S. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Interne, City Hospital, Bay View, 1911-1912; Assistant in Pathology, and Instructor in Urology, 1913-1916; *Assistant in Urology, Johns Hopkins Hospital.*

709 St. Paul St.

STANHOPE BAYNE-JONES, M. D.

Associate in Bacteriology

A. B., Yale University, 1910; Medical Student, Tulane University, 1910-1911; Summer Quarter, University of Chicago, 1911; M. D., Johns Hopkins University, 1914, and A. M., 1917; Resident House Officer, 1914-15; Rockefeller Fellow in Pathology and Assistant Resident Pathologist and Instructor in Pathology, 1915-17.

KENNETH DANIEL BLACKFAN, M. D.

Associate in Pediatrics

M. D., Albany Medical College, 1905; Pathologist, Albany Hospital, and Bacteriologist to Bender Laboratory, Albany, N. Y., 1905-1906; Resident Pediatrician, St. Louis Children's Hospital, 1911-1912; Instructor in Pediatrics, 1912-1917; *Assistant Pediatrician, J. H. H.*

1035 N. Calvert St.

ARTHUR LEONARD BLOOMFIELD, M. D.

Associate in Medicine

A. B., Johns Hopkins University, 1907, and M. D., 1911; Resident House Officer, and Assistant Resident Physician, 1911-1916; Assistant and Instructor in Medicine, 1912-1917; *Resident Physician, J. H. H., and Medical Adviser to Students.*

The Johns Hopkins Hospital

CHARLES BAGLEY, JR., M. D.

Associate in Experimental Neurology

M. D., University of Maryland, 1904.

5 W. Chase St.

HENRY CHRISTIAN SCHMEISSER, M. D., Ph. D.

Associate in Pathology

A. B., Johns Hopkins University, 1908, and M. D., 1912; Ph. D., 1914; Fellow Assistant and Instructor in Pathology, 1912-1917.

4339 N. Charles St.

WALTER EDWARD DANDY, M. D.

Associate in Surgery

A. B., University of Missouri, 1907; M. D., Johns Hopkins University, 1910, and A. M., 1911; Instructor in Surgery, 1913-18; *Resident Surgeon*, 1913-19; *Assistant Surgeon.*

The Johns Hopkins Hospital

H. HAYS BULLARD, M. D.

Associate in Pathology

A. B., University of Missouri, 1908, and A. M., 1909; Ph. D., Tulane University, 1912; Instructor in Anatomy, Tulane University, 1909-1912, and University of Pittsburgh, 1912-1914; M. D., Johns Hopkins University, 1916; Assistant and Instructor in Pathology, 1916-1918; *Resident Pathologist.*

The Johns Hopkins Hospital

LLOYD DERR FELTON, M. D.

Associate in Bacteriology

A. B., Wooster University, 1910; Graduate Student, Columbia University, 1910-1911; M. D., Johns Hopkins University, 1916; Instructor in Bacteriology, 1917-1918; *Externe in Pathology, J. H. H.*

1601 N. Broadway

STANLEY COBB, M. D.

Associate in Psychiatry and Physiology of the Nervous System

A. B., Harvard University, 1910, and M. D., 1914; Interne in Pathology, Boston Floating Hospital, Summer, 1912-13; Interne, Peter Bent Brigham Hospital, 1914-1915; Assistant in Physiology, 1916-1917; Assistant in Psychiatry and Physiology of the Nervous System, 1917-1918.

612 N. Broadway

INSTRUCTORS

MONT ROGERS REID, M. D.

Instructor in Surgery

A. B., Roanoke College, 1908; M. D., Johns Hopkins University, 1912; *Resident Surgeon.*

The Johns Hopkins Hospital

EVELETH WILSON BRIDGMAN, M. D.

Instructor in Medicine

A. B., Johns Hopkins University, 1908, and M. D., 1912; Resident House Officer, 1912-1913; Assistant in Medicine, 1913-1915; *Assistant Physician, J. H. H.*

1707 St. Paul St.

JAMES LAWDER GAMBLE, M. D.

Instructor in Pediatrics

A. B., Leland Stanford, Jr., University, 1906; M. D., Harvard Medical School, 1910; House Officer, Massachusetts General Hospital, 1910-1912, and Boston Children's Hospital, 1912-1913; *Dispensary Physician, J. H. H.*

7 Northfield Pl.

SAMUEL GOLDSCHMIDT, PH. D.

Instructor in Pathological Chemistry

S. B., Yale University, 1911, and Ph. D., 1914; Fellow, University of Pennsylvania, 1914-15.

CHARLES ALEXANDER WATERS, M. D.

Instructor in Roentgenology

M. D., University of Maryland, 1911; *Assistant Roentgenologist, J. H. H.*

1100 N. Charles St.

JOHN ARCHIBALD CAMPBELL COLSTON, M. D.

Instructor in Urology

Ph. B., Yale University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer and Assistant Resident Surgeon, 1911-1914; *Assistant Urologist, J. H. H.*

1016 St. Paul St.

WILLIAM ARCHIBALD FRONTZ, M. D.

Instructor in Urology

A. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; Resident House Officer and Resident Urologist, 1911-1916; Assistant in Urology, 1915-1916; *Assistant Urologist, J. H. H.*

1119 N. Caroline St.

ERNEST GEORGE GREY, M. D.

Instructor in Surgery

A. B., University of Wisconsin, 1907; Assistant in Anatomy and Student of Medicine, *ibid.*, 1907-1908; M. D., Johns Hopkins University, 1911; Resident House Officer, 1911-1912; Assistant Resident Surgeon, Peter Bent Brigham Hospital, Boston, 1912-1916; *Assistant Resident Surgeon, J. H. H.*

3406 Fairview Av.

ROBERT LOUIS LEVY, M. D.,

Instructor in Medicine

A. B., Yale University, 1909; M. D., Johns Hopkins University, 1913; Assistant in Medicine, 1914-1916; Resident House Officer, 1913-1914; *Assistant Resident Physician, J. H. H.*

GROVER FRANCIS POWERS, M. D.

Instructor in Pediatrics

S. B., Purdue University, 1908; M. D., Johns Hopkins University, 1913; Resident House Officer, Assistant Resident Pediatrician, 1913-1916; *Pediatrician in charge of Pediatric Dispensary.*

1600 Bolton St.

PAUL GALPIN SHIPLEY, M. D.

Instructor in Pediatrics

M. D., Yale University, 1913; Assistant Instructor in Pediatrics; Instructor and Associate in Anatomy, Johns Hopkins University, 1913-1917; *Assistant Dispensary Pediatrician, J. H. H.*

2412 Linden Ave.

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Instructor in Urology

A. B., University of Virginia, 1904; M. D., Johns Hopkins University, 1908; Interne, Union Protestant Infirmary, 1908-1909; Assistant Resident and Resident Urologist, 1914-1917; *Assistant in Urology, J. H. H.*

1035 N. Calvert St.

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Instructor in Medicine

A. B., Washington and Jefferson College, 1910, and A. M., 1914; M. D., Johns Hopkins University, 1914; Resident House Officer, 1914-1915; Assistant Resident Pathologist, Presbyterian Hospital, New York, 1915-1916; *Assistant Resident Physician.*

The Johns Hopkins Hospital

ISIDORE I. HIRSCHMAN, M. D.

Instructor in Medicine

M. D., University of Maryland, 1911; Assistant Resident Physician, Municipal Tuberculosis Hospital, 1911-1912; Resident Physician, Maryland State Tuberculosis Sanatorium, 1912-1914; Assistant in Clinical Medicine, 1915-1917; *Assistant Physician, J. H. H.*

2516 Madison Ave.

BENJAMIN KRAMER, M. D.

Instructor in Pediatrics

M. D., University and Bellevue Hospital Medical College, 1909; M. S., State University of Iowa, 1917; Pathological Interne, Bellevue Hospital, 1909-1910; Interne, Jewish Hospital, Brooklyn, 1910-1912; Research Assistant in Physiology, Cornell Medical College, 1912-1913; Instructor in Physiology, State University of Iowa, 1913-1915, and Assistant Professor, 1915-1917; *Assistant Dispensary Pediatrician.*

The Johns Hopkins Hospital

WILLIAM LAWRENCE MILLEA, M. D.

Instructor in Obstetrics

A. B., Clark University, 1908; M. D., Johns Hopkins Univeristy, 1912; Resident House Officer and Assistant Resident Obstetrician, 1912-1915; Assistant in Obstetrics, 1913-1915; Obstetrician in charge Dispensary and Resident Obstetrician, 1915-1916; *Assistant Visiting Obstetrician, J. H. H.*

JOHN GARDNER MURRAY, Jr., M. D.

Instructor in Obstetrics

A. B., Johns Hopkins University, 1911, and M. D., 1915; Assistant in Obstetrics, 1915-1917; Resident House Officer, 1915-1916; Resident Obstetrician, J. H. H., 1916-1918.

Charles St. and University Parkway

CLARENCE ADOLPH NEYMANN, M. D.

Instructor in Phychiatry

A. B., Harvard University, 1909; M. D., University of Heidelberg, 1915; *Assistant Psychiatrist in charge of Laboratory of Internal Medicine, Phipps Psychiatric Clinic.*

AUGUSTA SCOTT, M. D.

Instructor in Psychiatry

Ph. B., University of Chicago, 1905; Graduate Student, Universities of Zurich and Freiburg, 1907-1910; M. D., Johns Hopkins University, 1913; Interne, Infirmary for Women and Children, N. Y., 1913-1914; *Resident Psychiatrist.*

The Johns Hopkins Hospital

MILDRED CLARK CLOUGH, M. D.

Instructor in Medicine

A. B., Wellesley College, 1910; M. D., Johns Hopkins University, 1914; Mary Putnam Jacobi Fellow, 1916-1917; Resident House Officer, Assistant Resident Physician, Johns Hopkins Hospital, 1914-1916; Assistant in Medicine, 1915-1917; *Biological Laboratory, J. H. H.*

3905 Clover Hill Road

ADRIAN S. TAYLOR, M. D.

Instructor in Surgery

M. D., University of Virginia, 1905, and Harvard University, 1916; Acting Assistant Surgeon, U. S. P. H. S., 1905-1906; in charge Yangchow Baptist Hospital, China, 1907-1914; Voluntary Assistant in Medicine, and Assistant in Surgery, 1916-1918; Professor of Surgery (elect), Union Medical School, the Rockefeller Foundation, Peking, China; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

LINDA BARTELS LANGE, M. D.

Instructor in Medicine

A. B., Bryn Mawr College, 1903; M. D., Johns Hopkins University, 1911; Assistant in Medicine, 1916-1918; Interne, N. Y. Infirmary for Women and Children, 1911-1912; Fellow in Pathology and Bacteriology, Rockefeller Institute, 1912-1914; Pathologist, H. A. Kelly Hospital, 1914-1915; Instructor in Pathology, University of Wisconsin, 1915-1916; *Laboratory of Phipps Tuberculosis Dispensary.*

ESTHER LORING RICHARDS, M. D.

Instructor in Psychiatry

A. B., Mt. Holyoke College, 1910; M. D., Johns Hopkins University, 1915; Assistant in Psychiatry, 1917-1918; Resident House Officer, 1915-1916; Assistant Resident Psychiatrist, 1917-1918; *Assistant Psychiatrist, J. H. H.*

33 E. Mount Vernon Pl.

WILLIAM PARKER FINNEY, Jr., M. D.

Instructor in Pathology

A. B., Princeton University, 1908; M. D., Johns Hopkins University, 1916; Rockefeller Fellow in Pathology, 1916-18.

2034 N. Calvert St.

HENRY HUNTON HAMPTON, M. D.

Instructor in Gynecology

S. B., University of Tennessee, 1903; M. D., Johns Hopkins University, 1914; Interne, Church Home and Infirmary, 1914-1917; Resident Surgeon, Hebrew Hospital, 1917-1918; *Resident Gynecologist.*

The Johns Hopkins Hospital

ANNABELLA ELLIOTT RICHARDS, Ph. D.

Instructor in Physiological Chemistry

A. B., Bryn Mawr College, 1907; Ph. D., Johns Hopkins University, 1914; Assistant in Medicine, 1914-1915; Demonstrator in Chemistry, Woman's Medical College of Pennsylvania, 1915-1916; Assistant in Chemistry, Henry Phipps Institute, University of Pennsylvania, 1917; Instructor in Physiological Chemistry, Brwn Mawr College, 1917-1918.

1514 Bolton St.

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Instructor in Medicine

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The Johns Hopkins Hospital

JOHN WARTON HARRIS, M. D.

Instructor in Obstetrics

A. B., and A. M., University of North Carolina, 1911 and 1912; M. D., Johns Hopkins University, 1916; Resident House Officer, 1916-1917; Assistant in Obstetrics, 1917-1918; Assistant Resident Obstetrician, 1917-1918; *Resident Obstetrician.*

The Johns Hopkins Hospital

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A. B., Johns Hopkins University, 1909 and M. D., 1914; Interne, Phipps Psychiatric Clinic, 1914-1915; Assistant Resident, Private Wards, 1915-1916.

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Instructor in Laryngology

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ROSCOE WILLIS HALL, M. D.

Instructor in Psychiatry

Ph. B., Dickinson College, 1908; M. D., Johns Hopkins University, 1912; Interne, City Hospital, Bay View, 1912-1913; Assistant Resident and Assistant Dispensary Psychiatrist, 1913-1915.

ASSISTANTS

HAROLD LEONARD HIGGINS, A. B.

Assistant in Pediatrics

A. B., Harvard University, 1907; Instructor in Chemistry, Swarthmore College, 1907-1908; Physiologist, Carnegie Nutrition Laboratory, Boston, 1908-1915.

1035 N. Calvert St.

CARL BINGER, M. D.

Assistant in Pharmacology

A. B., Harvard University, 1910, and M. D., 1914; Assistant in History of Science, Harvard University, 1914; Interne, Mass. Gen. Hospital, 1914-1915; Sheldon Fellowship in Medicine, Harvard University, 1915-1916.

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Assistant in Psychiatry

A. B., Illinois College, 1911; M. D., Johns Hopkins University, 1916; Resident House Officer, Johns Hopkins Hospital, 1916-1918; *Assistant Resident Psychiatrist.*

The Johns Hopkins Hospital

PHYLLIS GREENACRE, M. D.

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S. B., University of Chicago, 1913; M. D., Rush Medical College, 1916; Interne and Medical House Officer and *Dispensary Psychiatrist, Phipps Psychiatric Clinic.*

The Johns Hopkins Hospital

ALFRED C. KOLLS, M. D.

Assistant in Pharmacology

S. B., and M. S., University of Wisconsin, 1914, and 1915; M. D., Johns Hopkins University, 1917.

ALAN CALLENDER SUTTON, M. D.

Assistant in Medicine

A. B., and M. D., Johns Hopkins University, 1912 and 1916; Resident House Officer, 1916-1917; Assistant Resident Physician, 1917-1918.

2821 N. Calvert St.

ETHEL BENEDICT

Assistant in Medicine

A. B., Wellesley College, 1916; Laboratory Assistant in Chemistry, Wellesley College, 1916-1918.

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Assistant in Bacteriology

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614 N. Broadway

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Assistant in Medicine

S. B., Syracuse University, 1912; M. D., Johns Hopkins University, 1917; Interne, Hospital for Women of Maryland, 1917-1918. *Assistant Resident Physician.*

The Johns Hopkins Hospital

HELENE CONNETT

Assistant in Physiology

A. B., Goucher College, 1915, and Fellow, 1915-1916.

FREDERIC EUGENE BASIL FOLEY, M. D.

Assistant in Pathology

Ph. B., Yale University, 1913; M. D., Johns Hopkins University, 1918.

1316 Eutaw Place

EMILE FREDERIC HOLMAN, M. D.

Assistant in Surgery

A. B., Stanford University, 1911, and University of Oxford, 1916; Medical Student, Oxford University, 1914-17; Royal College of Surgeons, Edinburgh; Rotunda Hospital, Dublin; National Hospital, London.

518 N. Broadway

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Assistant in Medicine

A. B., Wellesley College, 1911; M. D., Johns Hopkins University, 1917; Resident House Officer, 1917-1918; *Assistant Resident Physician.*

The Johns Hopkins Hospital

FREDERICK HAMILTON LINTHICUM, M. D.

Assistant in Laryngology

A. B., Loyola College, 1912; M. D., Johns Hopkins University, 1917; Resident House Officer, 1917-1918; *Assistant Resident Surgeon.*

The Johns Hopkins Hospital

KARL HENRY MARTZLOFF, M. D.

Assistant in Pathology

A. B., University of Oregon, 1913; M. D., Johns Hopkins University, 1917; Interne, Lakeside Hospital, Cleveland, 1917-1918.

WILLIAM CLIFFORD McKEE, M. D.

Assistant in Obstetrics

S. B., Pomona College, 1908; M. D., Johns Hopkins University, 1913; House Officer, California Hospital, Los Angeles, 1913-1914; *Assistant Resident Obstetrician.*

The Johns Hopkins Hospital

FRANCIS ERRET ROBERTS, M. D.

Assistant in Gynecology

A. B., Bethany College, 1912; M. D., Johns Hopkins University, 1916; R. H. O. 1916-1917; *Assistant Resident Gynecologist.*

The Johns Hopkins Hospital

MARK HOPKINS TIBBETTS, M. D.

Assistant in Orthopedic Surgery

S B., Parsons College, 1912; M. D., Johns Hopkins University, 1917; Resident House Officer, 1917-1918; *Resident Orthopedit Surgeon.*

The Johns Hopkins Hospital

CARLOS PINHEIRO CHAGAS,

Assistant in Pathology

M. D., Rio de Janeiro Medical School, 1913.

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PROFESSORS

LEWELLYS FRANKLIN BARKER, M. D., LL. D.

Professor of Clinical Medicine

M. B., University of Toronto, 1890, and M. D. (Hon.), 1905; LL. D., Queen's University, 1908, and McGill University, 1911; House Officer, Toronto General Hospital, 1890-91; Assistant Resident Physician, Assistant Resident and Resident Pathologist and Physician-in-Chief, the Johns Hopkins Hospital, 1891-1900, and 1905-1914; Fellow in Pathology, Johns Hopkins University, 1892-94, Associate in Aanatomy, 1894-97, Associate Professor of Anatomy, 1897-99, and Associate Professor of Pathology, 1899-1900, and Professor of Medicine, 1905-1914; Professor and Head of the Department of Anatomy, University of Chicago, 1900-04, and Professor of Medicine, Rush Medical College, 1904-05; *Visiting Physician, Johns Hopkins Hospital.*

1035 N. Calvert St.

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Professor of Clinical Surgery

A. B., Princeton University, 1884; M. D., Harvard University, 1888; Surgeon to the Union Protestant Infirmary; Associate and Associate Professor of Surgery, Johns Hopkins University, 1893-1912; Associate in Surgery, 1891-1912, and Associate Surgeon, 1912-1914; *Visiting Surgeon, the Johns Hopkins Hospital.*

1300 Eutaw Place

CLINICAL PROFESSORS

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Clinical Professor of Ophthalmology

M. D., University of Maryland, 1867; Surgeon to the Baltimore Eye, Ear and Throat Charity Hospital, and Consulting Surgeon, South Baltimore Eye, Ear, Nose and Throat Hospital; *Visiting Ophthalmologist, Johns Hopkins Hospital.*

968 N. Howard St.

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Clinical Professor of Neurology

M. D., University of Maryland, 1884; A. M. (Hon.), Johns Hopkins University, 1902; Consulting Neurologist, City Hospital, Bay View; *Visiting Neurologist, Johns Hopkins Hospital.*

1228 Madison Av.

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Clinical Professor of Dermatology

A. B., Johns Hopkins University, 1884; M. D., University of Pennsylvania, 1887; *Visiting Dermatologist, Johns Hopkins Hospital.*

1011 N. Charles St.

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Clinical Professor of Dermatology

M. R. C. S., and L. S. A., London, 1887; M. D. (Hon.), University of Maryland, 1907; President and Vice-Pres. American Dermatological Association, 1905-1909; Corresponding Member, Berliner Dermatologische Gesellschaft; Honorary Member of the Society of Dermatology and Syphilis of Italy; *Visiting Dermatologist, Johns Hopkins Hospital.*

330 N. Charles St.

HENRY JOHNS BERKLEY, M. D., Sc. D.

Clinical Professor of Psychiatry

M. D., University of Maryland, 1881; D. Sc. (Hon.), 1907; Consulting Neurologist, St. Joseph's Hospital; Visiting Physician, City Detention Hospital, Bay View.

1305 Park Av.

HUGH HAMPTON YOUNG, M. D.

Clinical Professor of Urology

A. B. and A. M., University of Virginia, 1893, and M. D., 1894; Assistant Resident Surgeon, 1895-98; Associate in Surgery, the Johns Hopkins Hospital, 1898-1914; Instructor, Associate and Associate Professor of Genito-Urinary Surgery, Johns Hopkins University, 1893-1914; *Visiting Urologist, the Johns Hopkins Hospital.*

Brady Clinic, Johns Hopkins Hospital

WILLIAM DAVID BOOKER, M. D.

Clinical Professor Emeritus of Pediatrics

M. D., University of Virginia, 1867; Visiting Physician, St. Agnes Hospital, 1894-95; Physician in charge of the Thomas Wilson Sanitarium, Baltimore, 1881-98; Clinical Professor of Pediatrics, Johns Hopkins University, 1889-1909; Associate in Pediatrics, the Johns Hopkins Hospital, 1889-1909.

208 W. Monument St.

ASSOCIATE PROFESSORS

WILLIAM WOOD RUSSELL, M. D.

Associate Professor of Clinical Gynecology

M. D., University of Pennsylvania, 1890; Resident and Associate in Gynecology, Johns Hopkins Hospital, 1894-1914; Associate in Gynecology, Johns Hopkins University, 1895-99; *Assistant Visiting Gynecologist, Johns Hopkins Hospital.*

1208 Eutaw Place

THOMAS STEPHEN CULLEN, M. B.

Associate Professor of Clinical Gynecology

M. B., University of Toronto, 1890; Assistant Resident, Resident, and Associate in Gynecology, the Johns Hopkins Hospital, 1892-1914; Instructor and Associate in Gynecology, Johns Hopkins University, 1895-1899; *Assistant Visiting Gynecologist, Johns Hopkins Hospital.*

20 E. Eager St.

ROBERT LEE RANDOLPH, M. D.

Associate Professor of Clinical Ophthalmology and Otology

M. D., University of Maryland, 1884, and A. M. (Hon.), Johns Hopkins University, 1902; Assistant in Ophthalmology, Vienna Polyclinic, 1886; Associate in Ophthalmology and Otology, Johns Hopkins University, 1896-1901; *Visiting Ophthalmologist, Johns Hopkins Hospital.*

609 Park Av.

THOMAS BARNES FUTCHER, M. B.

Associate Professor of Clinical Medicine

M. B., University of Toronto, 1893; Assistant Resident, Resident, and Associate in Medicine, Johns Hopkins Hospital, 1894-1914; Instructor and Associate in Medicine, Johns Hopkins University, 1896-1901; *Assistant Visiting Physician, Johns Hopkins Hospital.*

23 W. Franklin St.

JOSEPH COLT BLOODGOOD, M. D.

Associate Professor of Clinical Surgery

S. B., University of Wisconsin, 1888; M. D., University of Pennsylvania, 1891; Resident Surgeon, 1893-97, and Associate in Surgery, Johns Hopkins Hospital, 1897-1914; Assistant, Instructor, and Associate in Surgery, Johns Hopkins University, 1895-1903; Chief Surgeon, St. Agnes Hospital; *Assistant Visiting Surgeon, the Johns Hopkins Hospital.*

904 N. Charles St.

WILLIAM STEVENSON BAER, M. D.

Associate Professor of Clinical Orthopedic Surgery

A. B., Johns Hopkins University, 1894, and M. D., 1898; Assistant, Instructor, and Associate in Orthopedic Surgery, 1900-1910; Resident House Officer, Assistant Resident Surgeon and Associate in Orthopedic Surgery, the Johns Hopkins Hospital, 1898-1914; *Assistant Visiting Orthopedic Surgeon, Johns Hopkins Hospital.*

4 E. Madison St.

THOMAS RICHMOND BOGGS, M. D.

Associate Professor of Clinical Medicine

S. B., University of Georgia, 1896; Graduate Student, 1896-97; M. D., Johns Hopkins University, 1901; Assistant and Associate in Medicine, 1903-11; Resident House Officer, Assistant Resident and Resident Physician, 1901-1911; Physician-in-Chief, City Hospital, Baltimore; *Assistant Visiting Physician, Johns Hopkins Hospital.*

21 W. Chase St.

JOHN TIMOTHY GERAGHTY, M. D.

Associate Professor of Clinical Urology

A. B., St. Thomas College, 1895; Ph. B., St. Paul Seminary, 1897; Graduate Student, Johns Hopkins University, 1897-1898; M. D., 1903; Assistant Instructor and Associate in Genito-Urinary Diseases, 1907-15; Resident House Officer, 1903-1904; Consulting Urologist, City Hospital, Bay View; *Assistant Visiting Urologist, Johns Hopkins Hospital.*

330 N. Charles St.

FREDERICK HENRY BAETJER, M. D.

Associate Professor of Clinical Roentgenology

A. B., Johns Hopkins University, 1897, M. D., 1901; Assistant and Associate in Surgery, 1903-1906; Resident House Officer, 1901-02; *Roentgenologist, Johns Hopkins Hospital.*

4 E. Madison St.

SAMUEL JAMES CROWE, M. D.

Associate Professor of Clinical Laryngology

A. B., University of Georgia, 1904; M. D., Johns Hopkins University, 1908; Assistant in Surgery and Associate in Clinical Laryngology, 1908-1916; Assistant Resident Surgeon, 1909-1910; *Visiting Laryngologist, Rhinologist and Otologist, Johns Hopkins Hospital.*

1206 Linden Av.

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Associate Professor of Clinical Surgery

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899, and Instructor and Associate in Surgery, 1902-1918; Externe, Assistant Resident, Resident Surgeon and Associate in Surgery, 1899-1914; *Assistant Visiting Surgeon, Johns Hopkins Hospital.*

3 E. Read St.

LECTURERS

CHARLES WARDELL STILES, Ph. D., D. Sc., LL. D.

Lecturer on Medical Zoölogy

A. M., Ph. D., University of Leipzig, 1890; M. S. (Hon.), Wesleyan University, 1896; D. Sc. (Hon.), Wesleyan University, 1906, and Yale University, 1915; LL. D., University of North Carolina, 1913; M. D. (Hon.), University College of Medicine, Richmond, 1914; Corresponding Member, Society of Biology and Academy of Medicine (Paris); Zoölogist, U. S. Bureau of Animal Industry, 1891-1902; Professor of Zoölogy, of U. S. Public Health Service, Washington, D. C.; Secretary, International Commission on Zoölogical Nomenclature.

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DAVID ISRAEL MACHT, M. D.

Lecturer in Pharmacology

A. B., Johns Hopkins University, 1902, and M. D., 1906; LL. B., Hamilton College of Law, Chicago, 1915; Assistant in Medicine, 1911-1913; Lecture Assistant in Pharmacology, 1915-1917; Harvard Summer School, 1903-1905; Vol. Asst. Klinik, Prof. Landau, Berlin, 1906-1907; *Dispensary Physician, Johns Hopkins Hospital, and Research Fellow in Therapeutics, James Buchannan Brady Urological Institute.*

3218 Auchentoroly Terr.

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Lecturer in Pharmacy

Phar. D., Maryland College of Pharmacy, 1902.

302 Edgevale Road

ASSOCIATES

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A. M., University of Cambridge (England), 1882; M. D., University of Maryland, 1891; Assistant Resident Physician, he Johns Hopkins Hospital, 1891-93; Instructor in Medicine, Johns Hopkins University, 1895-1901; Visiting Physician, Hebrew Hospital; *Dispensary Physician, J. H. H.*

1126 Cathedral St.

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Associate in Clinical Gynecology

S. B., University of Wisconsin, 1893; M. D., Johns Hopkins University, 1897, and Instructor in Gynecology, 1901-1902; Resident House Officer, Assistant Resident, Resident Gynecologist, and Associate in Gynecology, 1897-1914; *Assistant Visiting Gynecologist, Johns Hopkins Hospital.*

2305 St. Paul St.

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A. B., Johns Hopkins University, 1893, M. D., 1897, Assistant and Instructor in Medicine, 1899-1904; Resident House Officer, 1897-98; *Dispensary Physician, J. H. H.*

1207 Eutaw Place

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Associate in Clinical Medicine

A. B., Johns Hopkins University, 1892, M. D., 1897, Instructor in Medicine, 1899-1904; Resident House Officer, 1897-98; *Assistant Visiting Physician, the Johns Hopkins Hospital.*

17 W. Biddle St.

ELIZABETH HURDON, M. D.

Associate in Clinical Gynecology

M. D., Trinity University (Toronto), 1895; Assistant and Instructor in Gynecology, Johns Hopkins University, 1900-1908.

31 W. Preston St.

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Associate in Clinical Pediatrics

A. B., Yale University, 1892, and Ph. D., 1894; A. M., Lafayette College, 1896; M. D., Johns Hopkins University, 1898; Assistant and Instructor in Pediatrics, 1902-1909; Resident House Officer, 1898-1899; Physician in charge, the Thomas Wilson Sanitarium; *Assistant Visiting Pediatrician, Johns Hopkins Hospital.*

211 Wendover Road

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Associate in Clinical Gynecology

A. B., Hampden-Sidney College, 1900; Graduate Student, Johns Hopkins University, 1900-1901, and M. D., 1905; Instructor in Gynecology, 1910-1912; Resident House Officer, and Assistant Resident and Resident Gynecologist, 1905-1910; Consulting Gynecologist, City Hospital, Bay View; *Assistant Visiting Gynecologist, Johns Hopkins Hospital.*

1200 N. Charles St.

THOMAS PECK SPRUNT, M. D.

Associate in Clinical Medicine

A. B., Davidson College, 1903; M. D., Johns Hopkins University, 1909; Assistant, Instructor and Associate in Pathology, 1909-1913; Instructor in Medicine, 1913-1917; Assistant Resident Physician, 1913-1915; Resident Physician, City Hospital, Bay View, 1915-1916; Resident Physician in charge of Private Wards, 1916-1917.

1035 N. Calvert St.

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Associate in Clinical Obstetrics

M. D. C. M., McGill University, 1908; House Surgeon, Montreal General Hospital, 1908-1909; Interne, Assistant Resident, and Resident Obstetrician, the Johns Hopkins Hospital, 1909-1912; Assistant and Instructor in Obstetrics, Johns Hopkins University, 1910-1912; Resident Gynecologist, Royal Victoria Hospital, Montreal, 1912-1913; *Assistant Visiting Obstetrician, Johns Hopkins Hospital.*

23 W. Chase St.

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Associate in Clinical Medicine

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1417 Eutaw Place

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Associate in Clinical Medicine

A. B., Johns Hopkins University, 1905, and M. D., 1909; Resident House Officer and Assistant Resident, 1909-1914; Resident Physician, City Hospital, Bay View, 1911-1912; Instructor in Medicine, 1912-1915; *Assistant in Clinical Laboratory.*

16 W. Madison St.

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Associate in Clinical Dermatology

A. B., Johns Hopkins University, 1895, and M. D., 1899; Assistant and Instructor in Dermatology, 1903-1916; Consulting Dermatologist, City Hospital, Bay View; *Dispensary Dermatologist, J. H. H.*

330 N. Charles St.

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Associate in Clinical Orthopedic Surgery

M. D., University of Maryland, 1909; House Surgeon, Ruptured and Crippled Hospital, 1909-1910; Instructor in Clinical Orthopedic Surgery, 1914-1916; *Assistant Visiting Surgeon, J. H. H.*

4 E. Madison St.

LLOYD WARREN KETRON, M. D.

Associate in Clinical Dermatology

A. B., Grant University, 1907; M. D., Johns Hopkins University, 1911; Assistant and Instructor in Clinical Dermatology, 1914-1918; *Dispensary Dermatologist, J. H. H.*

900 St. Paul St.

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Associate in Clinical Neurology

S. B., University of North Carolina, 1902; M. D., Johns Hopkins University, 1906; Adjunct Professor of Anatomy, University of Virginia, 1906-1909; Instructor in Clinical Neurology, 1909-1918; *Dispensary Neurologist, J. H. H.*

207 E. Preston St.

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Associate in Clinical Medicine

A. B., Johns Hopkins University, 1900, and M. D., 1903; Instructor in Clinical Medicine, 1913-1918; Clinical Assistant in Medicine, Johns Hopkins Hospital, 1903-1906; *Dispensary Physician, J. H. H.*

2 W. Biddle St.

SYDNEY ROBOTHAM MILLER, M. D.

Associate in Clinical Medicine

S. B., New York University, 1905; M. D., Johns Hopkins University, 1910; Resident House Officer, 1910-1911; Assistant and Instructor in Clinical Medicine in charge of Laboratory Internal Medicine, 1913-1918; *In Charge of Clinical Laboratory, J. H. H.*

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Associate in Clinical Neurology

A. B., Johns Hopkins University, 1900, M. D., 1904; Assistant and Instructor in Medicine, 1905-1918; Externe, the Johns Hopkins Hospital, 1904-1905; *Dispensary Neurologist, J. H. H.*

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INSTRUCTORS

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Instructor in Clinical Ophthalmology

M. D., Baltimore Medical College, 1889; Assistant in Ophthalmology and Otology, Johns Hopkins University, 1903-04; Consulting Ophthalmologist, City Hospital, Bay View, and *Dispensary Ophthalmologist, J. H. H.*

853 Park Av.

JACOB HALL PLEASANTS, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1895, and M. D., 1899; Assistant in Medicine, 1900-1905; Resident House Officer, 1899-1900; President, Board of Supervisors of City Charities; *Dispensary Physician, J. H. H.*

201 Longwood Rd., Roland Park

WILLIAM RUSH DUNTON, Jr., M. D.

Instructor in Clinical Psychiatry

S. B., Haverford College, 1889, and A. M., 1890; M. D., University of Pennsylvania, 1893; Assistant Physician, Sheppard and Enoch Pratt Hospital; Assistant in Psychiatry, Johns Hopkins University, 1906; *Dispensary Psychiatrist, J. H. H.*

714 E. Evesham Av., Govans

JOSEPH ALBERT CHATARD, M. D.

Instructor in Clinical Medicine

A. B., Loyola College, 1898; Graduate Student, Johns Hopkins University, 1898-1899, and M. D., 1903; Assistant in Medicine, 1905-1907; Assistant Resident Physician, St. Joseph's Hospital 1903-1904; *Dispensary Physician, J. H. H.*

40 W. Biddle St.

CHARLES WILLIAM LARNED, M. D.

Instructor in Clinical Medicine

M. D., University of Maryland, 1893; Assistant in Medicine, Johns Hopkins University, 1906-1909; Resident Physician, Free Lying-in-Hospital, University of Maryland, 1893-1894; Resident Physician, Hospital for Women of Maryland, 1894-1895; *Dispensary Physician, J. H. H.*

1327 Park Av.

HENRY LEE SMITH, M. D., F. R. S. A. (Lond.)

Instructor in Clinical Medicine

M. D., University of Maryland, 1894; A. M. (Hon.), St. John's College (Maryland), 1909; Fellow, Royal Society of Arts, London, 1914, and of the American Association for the Advancement of Science, 1914; Resident Physician, Hospital for Women of Maryland, 1895-1896; Assistant in Medicine, Johns Hopkins University, 1906-1909; *Dispensary Physician, J. H. H.*

2701 N. Calvert St.

SAMUEL WOLMAN, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1902, and M. D., 1906; Assistant in Medicine, 1907-1909; *Dispensary Physician, J. H. H.*

2407 Madison Av.

JOHN HENDRICKEN KING, M. D.

Instructor in Clinical Medicine

A. B., Johns Hopkins University, 1899, and Graduate Student, 1899-1902; M. D., 1906; Assistant and Instructor in Medicine and Pathological Physiology, 1906-1909; *Dispensary Physician, J. H. H.*

1227 N. Calvert St.

JOHN STAIGE DAVIS, M. D.

Instructor in Clinical Surgery

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899; Resident House Officer, 1899-1900; Resident Physician, Union Protestant Infirmary, 1900-1903; *Assistant Visiting Surgeon, Johns Hopkins Hospital.*

1200 Cathedral St.

WILLIAM ALEXANDER FISHER, M. D.

Instructor in Clinical Surgery

A. B., Princeton University, 1896; M. D., Johns Hopkins University, 1900; Resident House Officer, 1900-1901; *Dispensary Surgeon, J. H. H.*

715 Park Av.

OMAR BORTON PANCOAST, M. D.

Instructor in Clinical Surgery

S. B., Swarthmore College, 1893; M. D., Johns Hopkins University, 1897; Resident House Officer, 1897-1898; *Dispensary Surgeon, J. H. H.*

1111 N. Charles St.

BERTRAM MOSES BERNHEIM, M. D.

Instructor in Clinical Surgery

A. B., Johns Hopkins University, 1901; M. D., 1905; Assistant in Surgery, 1911-1913; *Dispensary Surgeon, J. H. H.*

2313 Eutaw Pl.

HARVEY BRINTON STONE, M. D.

Instructor in Clinical Surgery

A. B., Johns Hopkins University, 1902, and M. D., 1906; Resident House Officer, 1906-1907; Adjunct Professor of Surgery, University of Virginia, 1907-1910; *Dispensary Surgeon, J. H. H.*

18 W. Franklin St.

ROADES FAYERWEATHER, M. D.

Instructor in Clinical Orthopedic Surgery

A. B., Harvard University, 1899; M. D., Johns Hopkins University, 1903; Assistant in Orthopedic Surgery, 1905-1914; Orthopedic Surgeon, Carney Hospital, Boston, 1903-1904; *Dispensary Surgeon, J. H. H.*

529 N. Charles St.

ROBERT WILLIAM BAINBRIDGE MAYO, M. D.

Instructor in Clinical Medicine

A. B., Maryland Agricultural College, 1903, and M. S., 1904; M. D., Johns Hopkins University, 1908; Supt. Gulf Coast Sanatorium, Mississippi, 1908-1909; Assistant Resident, Church Home and Infirmary, 1909-1910; Resident Surgeon, Hospital for Women of Maryland, 1910-1912; *Dispensary Physician, J. H. H.*

819 N. Charles St.

EMIL NOVAK, M. D.

Instructor in Clinical Gynecology

A. B., Loyola College, 1912; M. D., University of Maryland, 1904; Associate Professor of Gynecology, College of Physicians and Surgeons, Baltimore.

26 E. Preston St.

MARTIN FRANCIS SLOAN, M. D.

Instructor in Clinical Medicine

M. D., Baylor University, 1907; Assistant in Clinical Medicine, 1910-1915; Resident Physician, Eudowood Sanatorium; *Dispensary Physician, J. H. H.*

Eudowood

FREDERICK WILLIAM HOBELMANN, M. D.

Instructor in Clinical Urology

M. D., Baltimore Medical College, 1901; *Dispensary Urologist, J. H. H.*

33 Gunther Building

JOHN THEODORE KING, Jr., M. D.

Instructor in Clinical Medicine

A. B., Princeton University, 1910; M. D., Johns Hopkins University, 1914; Assistant in Clinical Medicine, 1915-1917; Resident House Officer and Assistant Resident Physician, 1914-1916; *Dispensary Physician, J. H. H.*

1400 Eutaw Place

HARRY LOUIS HOMER, M. D.

Instructor in Clinical Surgery

M. D., University of Pennsylvania, 1904; Resident Surgeon, Union Protestant Infirmary, 1908-1911; *Dispensary Surgeon, J. H. H.*

714 Park Av.

HARRY RICHMOND SLACK, Jr., M. D.

Instructor in Clinical Laryngology

A. B., University of Georgia, 1908; M. D., Johns Hopkins University, 1912: *Assistant Dispensary Laryngologist, J. H. H.*

1100 N. Charles St.

JOHN SCOTT WILLOCK, M. D.

Instructor in Clinical Dermatology

S. B., Princeton University, 1900; M. D., Johns Hopkins University, 1904; Resident Physician, Allegheny General Hospital, 1904-1905; Assistant in Clinical Dermatology, 1914-1916; *Assistant Dispensary Dermatologist, J. H. H.*

Englewood Rd. and Falls Rd. Terr., Roland Park.

MARY ASHMUN HODGE, M. D.

Instructor in Clinical Medicine

A. B., Leland Stanford, Jr., University, 1903, and Graduate Student, 1909-1910; M. D., Johns Hopkins University, 1914; Physician in charge of Dispensary Laboratory, 1914-1915; Assistant in Clinical Medicine, 1914-1917; *Dispensary Physician, J. H. H.*

2635 St. Paul St.

DEWITT BELLINGER CASLER, M. D.

Instructor in Clinical Gynecology

A. B., Yale University, 1900; M. D., Johns Hopkins University, 1904; Resident House Officer, Assistant, Assistant Resident and Resident Gynecologist, 1904-1909; Instructor in Gynecology, 1908-1909; *Assistant Dispensary Gynecologist, J. H. H.*

9 W. Chase St.

LEO JOHN GOLDBACH, M. D.

Instructor in Clinical Ophthalmology

A. B., Loyola College, 1901; M. D., University of Maryland, 1905; Visiting Surgeon, St. Joseph's Hospital, *Dispensary Ophthalmologist, J. H. H.*

322 N. Charles St.

MOSES RANDOLPH KAHN, M. D.

Instructor in Clinical Ophthalmology

M. D., University of Maryland, 1912; Dispensary Ophthalmologist, Johns Hopkins Hospital; Assistant Ophthalmic Surgeon, Baltimore Eye and Ear Charity Hospital; Consulting Ophthalmic Surgeon, Home for Incurables; *Dispensary Ophthalmologist, J. H. H.*

1518 Madison Av.

JOHN WILLIAM PIERSON, M. D.

Instructor in Clinical Roentgenology

M. D., University of Maryland, 1905; *Assistant Roentgenologist, J. H. H.*

900 St. Paul St.

ASSISTANTS

EUGENE JOSEPH LEOPOLD, M. D.

Assistant in Clinical Medicine

A. B., Johns Hopkins University, 1901; M. D., 1905; Graduate Student, University of Berlin; "Volunteer" Stadisches Krankenhaus, Munich, and Graduate Student, London, 1905-1907; Chairman, Medical Executive Committee and Visiting Physician, Hebrew Hospital; *Dispensary Physician, J. H. H.*

803 Park Av.

TRIGANT BURROW, M. D., PH. D.

Assistant in Clinical Psychiatry

A. B., Fordham University, 1895; M. D., University of Virginia, 1899; Demonstrator in Biology, University of Virginia, 1899-1900; Graduate Student, Pathology and Bacteriology, and Philology, 1901-1903; Assistant in Psychology, Johns Hopkins University, 1906-1909, and Ph. D., 1909; *Assistant Dispensary Psychiatrist, J. H. H.*

Washington Apts.

ISAAC ROSENBAUM PELS, M. D.

Assistant in Clinical Dermatology

A. B., Johns Hopkins University, 1902, and M. D., 1906; Externe in Medicine and Surgery, 1907-1909; Interne, Union Protestant Infirmary, Baltimore, 1908; Dermatologist, Visiting Staff, Hebrew Hospital; *Dispensary Dermatologist, J. H. H.*

1011 N. Charles St.

CAROLINE BENSON TOWLES, M. D.

Assistant in Clinical Medicine

A. B., Woman's College of Baltimore, 1893; M. D., Johns Hopkins University, 1905; Assistant in Pediatrics, 1913-1914; *Dispensary Physician, J. H. H.*

1006 Madison Ave.

EDWARD VINCENT COOLAHAN, M. D.

Assistant in Clinical Medicine

A. B., Rock Hill College, 1903; M. D., Johns Hopkins University, 1908; Resident Physician, St. Vincent's Hospital, 1910; *Dispensary Physician, J. H. H.*

24 N. Fulton Av.

HOAGLAND COOK DAVIS, M. D.

Assistant in Clinical Laryngology

M. D., University of Maryland, 1902; Resident Physician, Presbyterian Eye, Ear and Throat Hospital, Baltimore, 1902-1904; Attending Oculist, Aurist and Laryngologist, Sydenham Hospital; Member of Visiting Staff, Church Home and Infirmary, Hospital for Women, and Union Protestant Infirmary; Consulting Laryngologist, Children's Hospital School; *Assistant Dispensary Laryngologist, J. H. H.*

405 N. Charles St.

JOSEPH EDWARD GATELY, M. D.

Assistant in Clinical Dermatology

M. D., University of Maryland, 1902; *Assistant Dispensary Dermatologist, J. H. H.*

1822 N. Charles St.

EDWARD ANDERSON LOOPER, M. D.

Assistant in Clinical Ophthalmology

M. D., University of Maryland, 1912; *Dispensary Ophthalmologist, J. H. H.*

37 W. Preston St.

DANIEL DELEHANTY VINCENT STUART, Jr., M. D.

Assistant in Clinical Neurology

M. D., Georgetown University, 1908; *Assistant Dispensary Neurologist, J. H. H.*

804 Cathedral St.

ALMA SOPHIA ROTHHOLZ, M. D.

Assistant in Clinical Medicine

A. B., Smith College, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer, and Assistant Dispensary Physician, Johns Hopkins Hospital, 1914-1916; Assistant in Laryngology, 1915-1916.

2108 Bolton St.

HARRY M. ROBINSON, M. D.

Assistant in Clinical Dermatology

M. D., University of Marylyand, 1909; *Assistant Dispensary Dermatologist, J. H. H.*

2010 Wilkens Ave.

JACOB COHEN, M. D.

Assistant in Clinical Medicine

A. B., Johns Hopkins University, 1908, and M. D., 1912; Interne, City Hospital, 1912-1914; *Assistant Dispensary Physician, J. H. H.*

Reisterstown

ERNEST LUDWIG ZIMMERMAN, M. D.

Assistant in Clinical Medicine

A. B., Dartmouth College, 1912; M. D., Johns Hopkins University, 1916; *Assistant Dispensary Physician, Dept. L., J. H. H.*

1119 N. Caroline St.

ELLIOTT H. HUTCHINS, M. D.

Assistant in Clinical Surgery

A. B., St. John's College, 1902, and A. M., 1906; M. D., Johns Hopkins University, 1906; Interne, Church Home and Infirmary, 1906-1907; Resident Surgeon, Lakeside Hospital, 1907-1908; Visiting Surgeon, Church Home and Infirmary, and Mercy Hospital; Consulting Surgeon, South Baltimore Eye and Ear Hospital; *Assistant Dispensary Surgeon, J. H. H.*

2217 St. Paul St.

ERNEST HOWARD GAITHER, M. D.

Assistant in Clinical Medicine

M. D., Baltimore Medical College, 1905; *Assistant Dispensary Physician, J. H. H.*

405 Bretton Pl.

GEORGE LEWIS STICKNEY, M. D.

Voluntary Assistant in Clinical Gynecology

M. D., University of Maryland, 1910; Interne, Resident Physician and Surgeon, Women's Hospital of Maryland, 1910-1914.

1612 Park Ave.

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Assistant in Clinical Medicine

A. B., Smith College, 1910; M. D., Johns Hopkins University, 1914; Resident House Officer, and Assistant Dispensary Physician, Johns Hopkins Hospital, 1914-1916; Assistant in Laryngology, 1915-1916.

2108 Bolton St.

HARRY M. ROBINSON, M. D.

Assistant in Clinical Dermatology

M. D., University of Marylyand, 1909; *Assistant Dispensary Dermatologist, J. H. H.*

2010 Wilkens Ave.

JACOB COHEN, M. D.

Assistant in Clinical Medicine

A. B., Johns Hopkins University, 1908, and M. D., 1912; Interne, City Hospital, 1912-1914; *Assistant Dispensary Physician, J. H. H.*

Reisterstown

ERNEST LUDWIG ZIMMERMAN, M. D.

Assistant in Clinical Medicine

A. B., Dartmouth College, 1912; M. D., Johns Hopkins University, 1916; *Assistant Dispensary Physician, Dept. L., J. H. H.*

1119 N. Caroline St.

ELLIOTT H. HUTCHINS, M. D.

Assistant in Clinical Surgery

A. B., St. John's College, 1902, and A. M., 1906; M. D., Johns Hopkins University, 1906; Interne, Church Home and Infirmary, 1906-1907; Resident Surgeon, Lake-

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EXECUTIVE COMMITTEE

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COMMITTEE ON INSTRUCTION AND EXAMINATIONS FOR THE FIRST AND SECOND YEARS OF THE COURSE

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This Committee consists of the Professors and Associate Professors instructing first and second year students.

COMMITTEE ON INSTRUCTION AND EXAMINATIONS FOR THE THIRD AND FOURTH YEARS OF THE COURSE

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This Committee consists of the Professors and Associate Professors instructing third and fourth year students.

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William H. Howell,

The Dean is *ex officio* member of all committees.

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Librarian of the University.

Thomas R. Ball.....3102 Walbrook Av.
Registrar of the University.

George J. Coy.....2403 Elsinor Av., Walbrook
Registrar of the Medical Department

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Winford Smith,
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THE MEDICAL STAFF OF THE JOHNS HOPKINS HOSPITAL AND DISPENSARY*

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Assistant Superintendent	RALPH B. SEEM.‡
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Obstetrician-in-Chief	J. WHITRIDGE WILLIAMS.
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Associate Psychiatrist	C. MACFIE CAMPBELL.†
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Associate Pathologist	ADMONT CLARK.

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Assistant Visiting Physician	THOMAS B. FUTCHER.
" " "	LOUIS HAMMAN.
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" " "	THOMAS R. BROWN.
Visiting Surgeon	JOHN M. T. FINNEY.†
Assistant Visiting Surgeon	JOSEPH C. BLOODGOOD.†
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* Corrected to September 1, 1918.
† On Government duty.
‡ Acting Superintendent.
§ Acting Resident Pediatrician.

Assistant Visiting Surgeon	SAMUEL J. CROWE (Laryngologist).
" " "	JOHN STAIGE DAVIS.†
" " "	WILLIAM A. FISHER.†
" " "	GEORGE WALKER.†
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" " "	HARRY R. SLACK.†
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Assistant Visiting Urologist	JOHN T. GERAGHTY.
Assistant in Urology	DAVID M. DAVIS.†
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Assistant Visiting Gynecologist	WILLIAM W. RUSSELL.
" " "	THOMAS S. CULLEN.
" " "	GUY L. HUNNER.
" " "	EDWARD H. RICHARDSON.
Assistant Visiting Obstetrician	KARL M. WILSON.
" " "	EVERETT D. PLASS.†
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Visiting Neurologist	HENRY M. THOMAS.
Visiting Ophthalmologist	SAMUEL THEOBALD.
Visiting Ophthalmologist	ROBERT L. RANDOLPH.
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Assistant Resident Physician	GEORGE A. HARROP, JR.
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" " "	HALLIE M. CLARK.
Resident Physician in Charge of Private Wards	STEWART V. IRWIN.

† On Government duty.
‡ Mary Putnam Jacobi Fellowship.

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Assistant Resident Surgeon.....ERNEST G. GREY.
" " " ADRIAN S. TAYLOR.
" " " FREDERICK H. LINTHICUM.
" " " MARK H. TIBBETTS.
Assistant Resident Urologist.....WINFORD O. WILDER.
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Assistant Resident Obstetrician..THOMAS O. GAMBLE.
Resident Psychiatrist.....AUGUSTA R. SCOTT.
Asst. Resident Psychiatrist.....STANLEY COBB.
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Resident Pathologist.....H. HAYES BULLLARD.
Student Assistant.....LESLIE T. WEBSTER.
Externe in Pathology.....LLOYD FELTON.†

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N. B. HERMAN,
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J. G. MATEER,
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Gynecologist-in-Chief.....HOWARD A. KELLY.
Obstetrician-in-Chief.....J. WHITRIDGE WILLIAMS.
Psychiatrist-in-Chief.....ADOLF MEYER.
Pediatrician-in-Chief.....JOHN HOWLAND.†

---

† On Government duty.

DEPARTMENT OF MEDICINE

A—*General Medicine:*

Physician in Charge	THOMAS B. FUTCHER.
" " "	J. HALL PLEASANTS.
Dispensary Physician	FRANK R. SMITH.
" "	LOUIS P. HAMBURGER.
" "	JOSEPH A. CHATARD.†
" "	HENRY LEE SMITH.†
" "	CHARLES W. LARNED.
" "	SAMUEL WOLMAN.
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" "	JOHN T. KING, JR.†
" "	R. W. B. MAYO.
" "	N. WORTH BROWN.†
Assistant Dispensary Physician	WILLIAM K. SKILLING.
" " "	HARRY GOLDBERG.
" " "	Y. LECOMPTE COOK.†
" " "	HOWARD H. WARNER.†
" " "	GILBERT W. ROSENTHAL.†
" " "	MAURICE CHIDECKEL.
" " "	REGINALD O. SELLMAN.

B—*Clinical Neurology:*

Neurologist in Charge	HENRY M. THOMAS.
Dispensary Neurologist	G. LANE TANEYHILL, JR.
" "	CHARLES M. BYRNES.
Asst. Dispensary Neurologist	ROBERT A. WARNER.
" " "	ANDREW C. GILLIS.†
" " "	DANIEL D. V. STUART.†

C—*Phipps Dispensary:*

Physician in Charge	ALLEN K. KRAUSE.
Dispensary Physician	CHARLES R. AUSTRIAN.
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" "	EDWARD V. COOLAHAN.
" "	ISIDORE I. HIRSCHMAN.†
" "	MARY A. HODGE.

---

† On Government duty.

Assistant Dispensary Physician.. JOHN GIRDWOOD.
" " " JACOB COHEN.
" " " CHARLES C. HABLISTON.†

D—*Gastro-Intestinal Diseases:*

Physician in Charge..... THOMAS R. BROWN.
Assistant Dispensary Physician.. ERNEST H. GAITHER.
" " " ELMER B. FREEMAN.
" " " EDGAR P. SANDROCK.†
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E—*Diseases of Metabolism:*

Dispensary Physician..... JOHN H. KING.†
" " EUGENE J. LEOPOLD.
" " GEORGE A. HARROP.

F—*Department "L":*

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Dispensary Physician..... ALBERT KEIDEL.
" " THOMAS J. BOGGS.†
Assistant Dispensary Physician.. HARRY M. ROBINSON.
" " " JESSE W. DOWNEY.
" " " ERNEST L. ZIMMERMAN.
" " " H. K. FLECKENSTEIN.

DEPARTMENT OF SURGERY

A—*General Surgery*

Surgeon in Charge..... RICHARD H. FOLLIS.
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" " J. STAIGE DAVIS.†
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" " " THOMAS R. CHAMBERS.†
" " " ARTHUR L. HEBB.

---

† On Government duty.

B—*Ophthalmology*

Ophthalmologist in Charge	SAMUEL THEOBALD.
" " "	ROBERT L. RANDOLPH.
Dispensary Ophthalmologist	LEO J. GOLDBACH.
" "	EDWARD A. LOOPER.†
" "	RANDOLPH M. KAHN.†
" "	REGINALD WEST.
" "	C. A. CLAPP.

C—*Urology:*

Urologist in Charge	WILLIAM A. FRONTZ.
Dispensary Urologist	FREDERICK W. HOBELMANN.
" "	JOHN A. C. COLSTON.†
" "	J. POINTEVANT ROBINSON.†
" "	DAVID FRANKLIN.

D—*Laryngology, Rhinology and Otology:*

Laryngologist in Charge	SAMUEL J. CROWE.
Asst. Dispensary Laryngologist	HOAGLAND C. DAVIS.
" " "	HARRY R. SLACK.†
" " "	S. SHELTON WATKINS.†
" " "	MARTILLUS H. TODD.†
" " "	FREDERICK H. LINTHICUM.
" " "	JOHN A. BAYLOR.

E—*Dermatology:*

Dermatologist in Charge	T. CASPAR GILCHRIST.
" " "	J. WILLIAMS LORD.
Dispensary Dermatologist	EDGAR R. STROBEL.
" "	ISAAC R. PELS.
Asst. Dispensary Dermatologist	LLOYD W. KETRON.
" " "	J. EDWARD GATELY.†
" " "	JOHN SCOTT WILLOCK.
" " "	HARRY M. ROBINSON.

F—*Orthopedic Surgery:*

Surgeon in Charge	WILLIAM S. BAER.†
Dispensary Surgeon	ROADES FAYERWEATHER.†
" "	GEORGE E. BENNETT.

† On Government duty.

Assistant Dispensary Surgeon.... CARL R. AHROON.
" " " LEWIS CASS SPENCER.†
" " " MARK TIBBETTS.
" " " ISRAEL W. NACHLAS.

G—*Roentgenology:*

Roentgenologist in Charge..... FREDERICK H. BAETJER.†
Assistant Roentgenologist..... CHARLES A. WATERS.†
" " J. WILLIAM PIERSON.

H—*Dentistry:*

Dental Surgeon in Charge..... CLARENCE J. GRIEVES.
" " HARRY E. KELSEY.
" " LEWIS D. CORIELL.
" " HAYWARD H. STREET.
" " LUCIEN B. BRUN.†
" " CLYDE V. MATTHEWS.
" " HARRY G. STEWART.†
" " W. H. BAISH.
" " ARTHUR LANKFORD.†
Pathologist ..... GEORGE BURCH.

DEPARTMENT OF GYNECOLOGY AND OBSTETRICS

A—*Gynecology:*

Gynecologist in Charge..... EDWARD H. RICHARDSON.
Dispensary Gynecologist..... HENRY H. HAMPTON.
Assistant Dispensary Gynecologist. DEWITT B. CASLER.
" " " H. L. GRIFFITH.
" " " L. D. KEYSER.
" " " KATHERINE PARDEE.
" " " LEGRAND WOOLLEY.
Cystoscopic Clinic:
Gynecologist in Charge..... GUY L. HUNNER.

B—*Obstetrics:*

Obstetrician in Charge..... JOHN W. HARRIS.
Dispensary Obstetrician..... THOMAS O. GAMBLE.
Asst. Dispensary Obstetrician.... F. H. CATHRALL.
" " " R. L. HILLMAN.
" " " D. PHTHYON.

DEPARTMENT OF PEDIATRICS

Pediatrician in Charge	GROVER F. POWERS.
Dispensary Physician	J. H. MASON KNOX.†
" "	JAMES L. GAMBLE.†
Assistant Dispensary Physician	BENJAMIN KRAMER.
" " "	PAUL G. SHIPLEY.
" " "	BENJAMIN TAPPAN.
" " "	HARRY EDWIN BLAIR.
" " "	ETHEL C. DUNHAM.

DEPARTMENT OF PSYCHIATRY

Psychiatrist in Charge	C. MACFIE CAMPBELL.†
Dispensary Psychiatrist	AUGUSTA R. SCOTT.
" "	WILLIAM RUSH DUNTON.
Asst. Dispensary Psychiatrist	GEORGE F. SARGENT.
" " "	TRIGANT BURROW.
" " "	GEORGE B. WOLFF.
" " "	ESTHER L. RICHARDS.
" " "	STANLEY COBB.
" " "	JOHN R. OLIVER.
" " "	PHYLLIS GREENACRE.
" " "	RUTH E. FAIRBANK.
" " "	FRANCIS LEE DUNHAM.
" " "	CHARLES B. THOMPSON.
" " "	HARVEY B. WADSWORTH.
" " "	EDITH S. MICHAEL.

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† On Government duty.

City Hospitals at Bay View

(Controlled by the Board of Supervisors of City Charities)

THE CITY HOSPITAL
THE MUNICIPAL TUBERCULOSIS HOSPITAL
THE CITY DETENTION HOSPITAL FOR THE INSANE

LAMAR HOLLYDAY, *Superintendent*

Medical Board:

Physician-in-Chief ..... THOMAS P. SPRUNT, M. D.
Surgeon-in-Chief ..... FRANK S. LYNN, M. D.
Physician in Charge, Tuberculosis Hospital ..... H. D. MCCARTY, M. D
Physician in Charge, Detention Hospital for Insane ..... HARRY GOLDSMITH, M. D.
Pathologist ..... ADMONT H. CLARK, M. D.

Consulting Staff:

Alienist ..... HENRY J. BERKLEY, M. D.
Neurologist ..... HENRY M. THOMAS, M. D.
Urologists ..... JOHN T. GERAGHTY, M. D.; GEORGE TIMBERLAKE, M. D.
Gynecologists ..... HUGH BRENT, M. D.; EDWARD H. RICHARDSON, M. D.
Laryngologist ..... FRANK D. SANGER, M. D.
Otologist ..... WILLIAM TARUN, M. D.
Dermatologist ..... EDGAR R. STROBEL. M. D.
Pediatricians ..... JOHN HOWLAND, M. D.; JOHN RUHRAH, M. D.
Ophthalmologist ..... JAMES J. MILLS, M. D.

Resident Pathologist ..... WILLIAM W. ANDERSON, M. D.

Third-year students receive clinical instruction in medicine in the City and Tuberculosis Hospitals during the second half year.

Fourth-year students receive clinical instruction in psychiatry in the Detention Hospital for the Insane.

Elective work will be offered during the entire year.

MEMBERS OF THE MEDICAL FACULTY AND HOSPITAL STAFF ENGAGED IN MILITARY DUTY *

BAER, WILLIAM S., Major, M. C., Assistant Surgeon (Orthopedic), U. S. Army Base Hospital No. 18, France.

BAETJER, FREDERICK H., Major, M. C.

BAETJER, WALTER A., Captain, M. C., Chief of laboratory staff, Base Hospital No. 18, France.

BAGLEY, CHARLES, Major, M. C., assigned to duty in Surgeon General's Office, Washington, D. C.

BAYNE-JONES, STANHOPE, Captain, M. C., Medical Relief Corps, France.

BERNHEIM, BERTRAM M., Captain, M. C., Assistant Surgeon (Vein Surgery), Base Hospital No. 18, France.

BINGER, CARL, 1st Lieutenant, M. C., France.

BLOODGOOD, JOSEPH C., Major, M. C., not on active duty.

BOGGS, THOMAS R., Major, M. C., Chief of Medical Staff, Base Hospital No. 18, France.

BRIDGMAN, EVELETH W., Captain, M. C., Army Post Hospital, No. 75, France.

BROWN, N. WORTH, Captain, M. C., Military Hospital, Colchester, England.

BRUSH, NATHANIEL H., Captain, M. C., Fort Oglethorpe, Ga.

BURNS, JONATHAN E., Captain, M. C., Fort McHenry, Baltimore.

†CAMPBELL, CHARLES M.

CHATARD, J. ALBERT, Major, M. C., Base Hospital No. 78, France.

CHISHOLM, J. JULIAN, 1st Lieutenant, M. C., Rockford, Ill.

CLARKE, ADMONT H., 1st Lieutenant, M. C., not on active duty.

COBB, STANLEY, 1st Lieutenant, M. C., Brain Surgery, Div. M. C., U. S. A.

COLSTON, J. A. C., Captain, M. C., on active duty, Medical Department, British Army, France.

DAVIS, DAVID M., 1st Lieutenant, M. C., on active duty in France.

DAVIS, J. STAIGE, Captain, M. C., stationed at Baltimore.

EVANS, FRANK A., Captain, M. C., France.

FAYERWEATHER, ROADES, Captain, M. C., Base Hospital No. 8, France.

FELTON, LLOYD D., Contract Surgeon, U. S. A., Neuro-Surgical Laboratory, J. H. Medical School.

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* Corrected to Nov. 1, 1918.

† Granted leave for military duty.

FINNEY, JOHN M. T., Colonel, U. S. A., Surgeon Consultant in Chief, France.

FINNEY, WILLIAM P., 1st Lieutenant, M. C., American University Experiment Station, Washington, D. C.

FISHER, WILLIAM A., Major, M. C., Assistant Director of Surgery, France.

GAMBLE, JAMES L., Captain, M. C., France.

GATELY, J. EDWARD, 1st Lieutenant, M. C.

GOLDSCHMIDT, SAMUEL, 1st Lieutenant, M. C., Sanitary Division, Sheffield Scientific School, New Haven, Conn.

GUTHRIE, CLYDE G., Captain, M. C., Assistant Physician, Base Hospital No. 18, France.

HALL, ROSCOE W., Captain, M. C., Base Hospital No. 117, France.

HEUER, GEORGE J., Captain, M. C., Assistant Surgeon (Brain Surgery), Base Hospital No. 18, France.

HIRSCHMAN, ISIDORE I., Captain, M. C., Contract Physician, Camp McArthur, Waco, Tex.

HOWLAND, JOHN, Major, M. C., Department of Infectious Diseases, Surgeon General's Office, Washington, D. C.

KING, JOHN H., 1st Lieutenant, M. C., Assistant Physician, Base Hospital No. 18, France.

KING, JOHN T., JR., 1st Lieutenant, M. C., Camp Wheeler, Ga.

KAHN, M. RANDOLPH, 1st Lieutenant, M. C., Waynesville, N. C.

KNOX, JAMES H. M., Major, American Red Cross, Paris, France.

KOLLS, ALFRED C., Captain, M. C., assigned to duty in Bureau of Mines, Washington, D. C.

LEVY, ROBERT L., Captain, M. C., France.

LOOPER, EDWARD A., Captain, M. C., Base Hospital No. 42, A. E. F., France.

MARSHALL, ELI K., Captain, M. C., American University Experiment Station, Washington, D. C.

MILLEA, WILLIAM L., 1st Lieutenant, M. C., A. E. F., France.

MURRAY, JOHN G., JR., Captain, M. C., Base Hospital, Camp Hancock, Augusta, Ga.

NEYMANN, CLARENCE A., 1st Lieutenant, M. C., Camp Lee, Va.

PARK, EDWARDS A., Major, American Red Cross, Le Havre, France.

PLASS, EVERETT D., 1st Lieutenant, M. C., France.

ROTHHOLZ, ALMA S., Children's Bureau, American Red Cross, Le Havre, France.

SCHMEISSER, HARRY C., Captain, M. C., Base Hospital No. 33, France.

SLACK, HENRY R., 1st Lieutenant, M. C., Assistant Surgeon (Laryngology), Army Base Hospital No. 18, France.

SMITH, HENRY L., Captain, M. C., Medical Consultant, Camp Lee, Va.

Smith, Winford, Colonel, U. S. A., Special duty, Surgeon General's Office, Washington, D. C.

Stone, Harvey B., Captain, M. C., Quartermaster, Base Hospital No. 18, France.

Stickney, George L., Captain, M. C., France.

Stiles, Charles W., in charge Extra Cantonment Zone, Camp Hancock, Ga.

Stuart, Daniel D. V., Captain, M. C., on active duty, Washington, D. C.

Sutton, Alan C., 1st Lieutenant, M. C., Camp Hospital No. 23, France.

Thayer, William S., Colonel, U. S. A., Medical Consultant in Chief, France.

Waters, Charles A., 1st Lieutenant, M. C., Roentgenologist, Base Hospital No. 18, France.

Weed, Lewis H., Captain, M. C., Neuro-Surgical Laboratory, J. H. M. S.

Welch, William H., Lieut. Colonel, U. S. A., Special duty, Surgeon General's Office.

Wilson, D. Wright, 1st Lieutenant, A. E. F., France.

Young, Hugh H., Lieut. Colonel, U. S. A., Assistant Consultant Urological Division, France.

Former members of the Teaching and Hospital Staff who resigned to take up active military duty:

Dr. Howard E. Ashbury.
Dr. Ernest S. du Bray.
Dr. David W. Carter.
Dr. Paul W. Christman.
Dr. Daniel Davis.
Dr. Dumont F. Elmendorf.
Dr. Esau A. Greenspon.
Dr. Raymond S. Hussey.
Dr. John C. Lyman.
Dr. Aubrey T. Mussen.
Dr. Charles L. McCarthy.
Dr. Henry B. Richardson.
Dr. Thomas M. Rivers.
Dr. Virgil P. W. Sydenstricker.
Dr. Herbert M. N. Wynne.

REQUIREMENTS FOR ADMISSION AND GRADUATION

GENERAL DESCRIPTION OF THE COURSE OF INSTRUCTION OFFERED TO CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

GENERAL STATEMENT

The Medical Department of the Johns Hopkins University was opened for the instruction of students October, 1893. It is an integral and coordinate part of the University, and is in the closest affiliation with the Johns Hopkins Hospital, the professors of the various clinical branches being the heads of the corresponding departments in the Hospital.

From the opening of the school, all instructors in the underlying scientific branches have devoted their entire time to the university duties. The establishment by the General Education Board in 1914 of the William H. Welch Fund for the Advancement of Clinical Teaching has made it possible to place the responsible instructors in medicine, surgery, and pediatrics upon a similar basis, while others who are engaged in practice are utilized as clinical teachers.

The course of instruction extends over four years, and is planned for the professional training of those who have received a liberal education, as indicated by a collegiate degree in arts or science from an acceptable institution, including an adequate training in physics, chemistry, and biology, and a reading knowledge of French and German. Men and women are admitted upon the same terms.

In order to afford requisite facilities, the number of students in each class is limited to ninety.

Throughout the course special emphasis is laid upon practical work in the laboratories and in the dispensary and wards of the Hospital. While the primary aim of the School is to train practitioners of medicine and surgery, it is recognized that the medical art should rest upon a suitable preliminary education and upon thorough training in the underlying medical sciences. The first two years are devoted mainly to practical work, combined with demonstrations,

recitations and lectures, in the laboratories of anatomy, physiology, physiological chemistry, pharmacology, pathology, and bacteriology. During the last two years the student is given abundant opportunity for the personal study of sick patients, and most of his time is spent in the hospital wards or dispensary, and in the clinical laboratories.

The instruction begins on the morning of the first Tuesday of October. Candidates for admission are required to be present on the preceding Friday (see the Calendar, page 7). The graduating exercises are held on the second Tuesday of June. There are short recesses at Christmas and Easter.

All inquiries should be addressed to the Dean of the Johns Hopkins Medical School.

REQUIREMENTS FOR ADMISSION

As candidates for the degree of Doctor of Medicine the School receives:

I. Those who have satisfactorily completed the Chemical-Biological course, which leads to the A. B. degree in this University (Course H, course preliminary to medicine).

II. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have an acquaintance with Latin and a reading knowledge of French and German: (*b*) That they have such knowledge of biology, chemistry and physics, as may be obtained from the minimal courses described below.*

* Biology.—Three hours of class work per week for one year, and at least 180 hours of laboratory work upon the structure, functions and life-histories of selected types of animal and plant life. It is desirable that the course should include laboratory instruction in embryology. Courses in botany or zoology will be accepted provided the laboratory work has been adequate.

ADDENDUM

At the meeting of the Medical Faculty held October 25, 1918, it was determined that the foregoing requirements for admission will be maintained in the case of women and of men not eligible for military service.

For the duration of the war, however, members of the Students' Army Training Corps, who have satisfactorily completed the course preliminary to the study of medicine, authorized by the Committee on Education and Special Training, of the War Department, will be admitted to the School. Upon satisfactory completion of their medical studies they will receive the degree of doctor of medicine, but the diploma will be so modified as to indicate that the degree has been conferred under unusual circumstances.

All students admitted to the School after July 1, 1919, will be required to obtain from the Department of Education of the State of Maryland a certificate indicating that they have satisfied the requirements of law for admission to the study of medicine in this State.

November 1st, 1918.

III. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and in addition, the knowledge of Latin, French, German, physics, chemistry, and biology above indicated.

(Thus far, no students have been accepted under this provision.)

Application for Admission

Application for admission must be made to the Dean prior to July first. Printed forms will be furnished, one page of which is to be filled out by the applicant and the other by an officer of the institution at which the collegiate degree was obtained. The former gives information concerning the general preliminary education, and the latter authoritative data concerning the instruction received in the pre-medical sciences and the modern languages.

As the size of each class is limited, it is attempted, in case a greater number apply, to choose ninety of the most promising applicants. The choice is made by taking into consideration the character of the college from which the applicant graduated, his standing in the pre-medical sciences and the languages, and the estimate made by one of his science teachers, in a personal letter to the Dean, as to his or her fitness to undertake the study of medicine.

Applications may be filed at any time, but, except in unusual circumstances, they will not be considered formally

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Chemistry.—Inorganic: three hours of class work per week for one year, and at least 150 hours of laboratory work. Organic: thirty lectures and 90 hours of laboratory work.

Physics.—A collegiate course consisting of four hours of class work per week for one year, and at least 90 hours of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

Latin.—The candidate must have studied Latin grammar and possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

before July first. Notification of acceptance will be sent not later than July fifteenth.

Under no conditions will applicants be accepted who are deficient in the underlying sciences, but in exceptional instances, those having only a deficiency in French or German may be admitted conditionally, on the understanding that the condition must be absolved before the beginning of the second year.

Admission to Advanced Standing

Students from acceptable medical schools may be admitted to the second, third or fourth year classes if vacancies occur. Such applicants must furnish evidence (1) that they are eligible to the first year class without conditions of any kind; (2) that medical courses equivalent in kind and amount to those given in this school, in the year or years preceding that to which admission is desired, have been satisfactorily completed; and (3) they must be prepared to pass examinations at the beginning of the session in all subjects already pursued by the class to which admission is sought. The applicant must have studied as a matriculated medical student for a period of time at least equal to that already spent by the class which he seeks to enter.

As graduation from an approved college or scientific school is essential for admission to this school, applicants from universities conferring a degree upon the completion of a combined course, consisting of two years of collegiate and two years of medical work, are not eligible for admission to our third year class.

Instruction for Graduates in Medicine

During the school year, a limited number of graduate students may be admitted to work in the several departments, in so far as they do not interfere with the routine work of the undergraduate students.

In every instance the arrangement for such instruction and facilities must be made directly with the head of the department concerned, but work cannot be commenced until after registration at the Dean's office.

Persons who have already received the degree of Doctor of Medicine elsewhere, will not be admitted as candidates for that degree from this University. Should further instruction be desired, they may enter as graduate students.

Special Workers.—Special workers, not candidates for a degree, may be received at the discretion of the Faculty.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Medicine is conferred upon those who, after fulfilling all the requirements for admission, have completed satisfactorily a four years' course of study.

Students who have been admitted to advanced standing, as well as those of our own students who have been granted permission to pursue a part of their studies elsewhere, must spend at least the final year in the Medical School of this University.

The degrees are publicly conferred at the University Commencement on the second Tuesday of June, or on Commemoration Day, February the twenty-second.

EXAMINATIONS

At the end of the fifth trimester, the records of all students in the second year class are reviewed by the Committee on Instruction and Examinations for the first two years. Students who are reported as having failed in any two of the following subjects: anatomy (including histology), physiology, physiological chemistry, pharmacology, pathology, (including bacteriology), will be advised to withdraw from the school. Those who fail in one subject will be allowed to

take a second examination not later than the following October.

No student will be permitted to enter upon the work of the fourth year until he has absolved the required third year work in gynecology, physical diagnosis, clinical microscopy and neurology.

Final examinations for graduation will be held in Medicine, Surgery, Obstetrics and the Major Electives. The examination in Obstetrics may be absolved at the end of the third or during the fourth year.

Third year students who fail in two major subjects will be advised to withdraw from the School. Those who fail in either medicine or surgery and who stand low in other subjects will be required to stand a joint examination in medicine and surgery the following Fall before a committee consisting of the professors of both branches and one or more of the senior members of each staff. This examination will be oral and practical and, in case of failure, the student will be advised to withdraw from the School.

The estimation of the standing of each student is based upon the general character of his work, as well as upon the results of examinations. When the average standing falls below 75, the student will be notified at the end of the year.

Students not appearing for examination on the specified dates or coming up for re-examination will be required to pay a fee of $5.00 for each examination.

First and Second Years

The practical examination in microscopic anatomy will be held at the end of the second trimester of the first year, and in gross anatomy after the student has completed the dissection of the human body. The final examination in anatomy must be taken not later than the end of the second trimester of the second year.

Final examinations in the other subjects will be given as follows:

Bacteriology: at the end of the third trimester of the first year.

Physiological Chemistry: Group A, at the end of the third trimester of the first year; Group B, at the end of the first trimester of the second year.

Physiology: at the end of the first trimester of the second year.

Pathology: at the end of the second trimester of the second year.

Pharmacology: at the end of the second trimester of the second year.

Third and Fourth Years

At the end of the third year, final examinations are held in obligatory obstetrics, gynecology, nervous diseases, clinical microscopy and surgical pathology.

At the end of the fourth year final examinations are held in medicine and surgery. In the elective courses and special branches, the examinations are held upon the completion of the work.

GENERAL PLAN OF INSTRUCTION

Each year is divided into trimesters, the first extending from October to the Christmas recess, the second from January to March 15, and the third from March 15, to the end of the academic year.

The first two years of the course are devoted mainly to the fundamental medical sciences, the larger part of the time being spent in practical work in the laboratories. In the last two years the various clinical branches are studied in the wards of the Hospital, the dispensary, and in the clinical laboratories.

The principal studies of the first year are anatomy, histology, neurology, bacteriology, physiology, and physio-

logical chemistry. The study of anatomy and of physiology is continued in the second year, together with general pathology, pathological anatomy and histology, pharmacology, and toxicology. During the last trimester of the second year instruction is begun in physical diagonsis and in certain surgical methods, as an introduction to the clinical work of the succeeding years.

The major portion of the work of the first two years is obligatory for all students, but the time is so arranged that certain elective courses may be selected; thereby making it possible either to give more time to the obligatory courses, or to do special work along related lines.

In these two years thirty units of work are required—the unit being a course or group of courses of instruction equivalent to five hours a week for one trimester. Consequently it is necessary for the students to take five units of obligatory and elective work during each trimester, in order to complete in two years the requirements for entrance upon the clinical studies. The system, however, permits him to spend an additional trimester or longer in the preparatory work, should it prove necessary or desirable.

As the third and fourth years are devoted to practical medicine, they can not be taken up until the student has obtained credit for the prescribed minimum of work in the underlying sciences.

The work of the third year is largely obligatory. The student attends the clinics and dispensary exercises in medicine and surgery, and completes the required work in obstetrics, gynecology, and nervous diseases.

For the morning work the class is divided into four groups. From 9 to 10 a. m. each group receives instruction in obstetrics, gynecology or surgery, and from ten o'clock to noon the time is devoted to practical work in the medical, surgical and nervous departments of the dispensary. From 12 noon to 1 p. m. the entire class attends the amphitheatre clinics in medicine or surgery. The afternoons are devoted

mainly to laboratory work in clinical microscopy and surgical pathology. Instruction is also given in practical therapeutics and pharmacy, thus completing the pharmacological work of the previous year. Moreover, short propadeutical courses are given to familiarize the student with the use of the ophthalmoscope and laryngoscope. On certain afternoons there are also offered a number of short elective courses of a practical character, and each student is required to select from them a sufficient amount of work to give him a credit of one and a half units.

The work of the fourth year is partly elective. For this purpose the class is divided into three groups, each working in rotation for one trimester in medicine, surgery, and in certain elective subjects.

Each student must complete 18 units of work during the year—the unit being a course or group of courses occupying six hours a week for one trimester. Twelve units are obligatory, and include six units in medicine (including pediatrics) three units in surgery, one unit in ophthalmology, one unit which may be selected from laryngology, dermatology, genito-urinary surgery, orthopedics or neurology; while another unit is based upon attendance upon a weekly amphitheatre clinic in medicine, and upon a group of lectures upon medical zoölogy, psychiatry, hygiene, medical jurisprudence and medical ethics.

The obligatory work in medicine, which includes a part of the required work in pediatrics, requires, at least, six hours of work a day for one trimester. The members of this group act as clinical clerks in the medical wards of the hospital, a certain number of beds being assigned to each student. They take the histories of the patients and make the necessary examinations and notes under the guidance and direction of the resident staff. They accompany the physician-in-chief or some member of the senior staff in the daily ward-rounds, and receive special bedside and laboratory instruction.

In the surgical trimester, the student gives three hours a day to attendance upon ward-rounds, operations, and to work in the surgical laboratories. The members of this group act as surgical dressers in the wards. They make the morning visits with the surgeon-in-chief or a member of the senior staff, and have daily opportunities to become familiar with the diagnosis, management and progress of surgical cases. They are also given an opportunity to take an elective course in operative surgery upon animals.

The elective work is arranged in major, minor and fractional courses. The former occupy 3 or 2½ hours a day throughout one trimester, according as the classes are in the morning or afternoon, and count as 3 or 2½ units respectively. In the minor courses, which count as one unit, one hour a day, or two hours every alternate day, throughout one trimester, are devoted to the subject; while several fractional courses may be combined to make one unit. Students choosing such courses must register at the Dean's office and will be expected to complete them satisfactorily and to submit to an examination at their close. In fractional courses, which count as less than one-half of a unit, examinations will not be held, and regular attendance, properly certified by the instructor, will entitle the student to the allotted credit.

After having once been chosen, elective courses must be followed to the end of the trimester. These courses may continue the practical work in medicine, surgery, obstetrics, gynecology, etc., or may bear upon the various specialties, or may be taken in the laboratories of the underlying medical sciences.

To summarize, the time of each fourth-year student is apportioned as follows: trimester A, practical work in medicine during the entire day; trimester B, practical work in surgery during the morning, and in the afternoons short courses in ophthalmology, and in one of the special branches of medicine; trimester C, six units of elective work. In other

words, each student after completing certain minimal requirements (chiefly in medicine and surgery, may extend his knowledge by taking a number of short clinical courses in various branches, or he may concentrate his attention upon the work of a few departments.

CLINICAL OPPORTUNITIES

Satisfactory clinical facilities for ninety students in each class are afforded by the Johns Hopkins Hospital and Dispensary, which occupies a site of fourteen acres immediately adjoining the ground of the Medical School.

The Hospital is governed by its own Board of Trustees and has an endowment independent of that of the University and its Medical School, but the relations between the two institutions are most intimate; as the will of their founder directed that the Hospital should be a part of the Medical School of the University. The superintendent of the Hospital and the heads of its main departments are members of the Medical Faculty; while the incumbents of the chief clinical chairs of the University are also members of the Medical Board of the Hospital. This interlocking arrangement has resulted in the greatest possible utilization of the Hospital for the instruction of the third and fourth year students.

The Hospital is unusually well equipped and contains 600 beds, while its Dispensary is visited each day by more than 300 patients. In addition to the large administration building and the Marburg ward for private patients, the Hospital is made up of a group of buildings containing five large wards for white patients suffering from medical, surgical and gynecological diseases, a separate building for colored patients, an isolation and an obstetrical ward. Facilities for instruction in pediatrics, psychiatry and genito-urinary diseases are afforded by the Harriet Lane Home for Invalid Children, the Henry Phipps Psychiatric Clinic and the James

Buchanan Brady Urological Institute. These three buildings are upon the Hospital grounds, and, while maintained by separate foundations, are conducted as integral parts of the Johns Hopkins Hospital.

In addition to the necessary buildings for the nurses' home, kitchen, laundry, etc., the following buildings also accupy the Hospital lot:—the Pathological and Clinical Laboratories, the general Dispensary, the Phipps' Dispensary for Tuberculosis, and the Surgical building. This latter contains not only the surgical operating rooms and amphitheatre, but also class rooms for instruction in medicine, as well as the laboratory for surgical pathology and the laboratories of the medical clinic.

Through the courtesy of the Supervisors of City Charities of Baltimore, the Johns Hopkins University has the privilege of utilizing for clinical instruction the patients in the various departments of the City Hospitals at Bay View. During the first trimester practical instruction in mental diseases is given to the fourth-year class; during the third trimester the wards of the general and tubercular hospitals are utilized for the instruction of the third-year students in medicine, surgery and pathology; and throughout the year elective courses in medicine are available to fourth-year students.

GENERAL INFORMATION

REGISTRATION

Students will not be admitted to the undergraduate courses until they have registered at the Dean's office and paid their fees for the first trimester.

Graduate students, after receiving permission from the heads of departments to enter any course under their supervision, must register at the Dean's office before beginning work. Upon payment of the requisite fee, a card will be issued stating the courses which the holder is entitled to take. This card must be presented to the instructor in charge of each course, in order that its holder may be recognized and receive due credit for his work.

CHARGES FOR TUITION

The charge for tuition is two hundred and fifty dollars per annum, payable in three installments, October, January and March 15. There are no extra charges, except for rental of microscope, laboratory breakage and certain expensive supplies. A deposit of ten dollars is required from each student at the time of enrollment. This caution money is repaid when the student leaves, if there are no charges against it.

The fees for graduate students and for physicians taking the summer courses will vary according to the character and number of the courses taken.

Bills may be paid at the Dean's office, or at the office of the Treasurer of the University, Homewood.

MICROSCOPES

The character of the work throughout the entire course requires the constant use of the microscope. Every student is

strongly recommended to purchase one, but those who do not care to do so may obtain one from the School upon the payment of a yearly rental of five dollars, with an additional charge of two dollars if an oil immersion lens is desired. Microscopes thus rented must be returned in good condition at the end of the year.

Dissecting microscopes may be rented at the rate of one dollar a year.

Microscopes are not provided in the graduate courses, but may be rented at the rates just stated. A deposit of $10.00 is required, which will be refunded if the microscope is returned uninjured.

SCHOLARSHIPS

Hopkins Scholarships

Six Hopkins Scholarships are open annually to students from Maryland, North Carolina and Virginia. These scholarships give free tuition for one year and are granted to deserving students who have shown marked aptitude in their work. Three are given to fourth-year students, two to third-year students and one to a second-year student. Applications should be addressed to the Dean of the Medical School not later than May first, in accordance with a prescribed form.

HOSPITAL APPOINTMENTS

At the close of the academic year in June, sixteen or more unmarried members of the graduating class are recommended to the Trustees of the Johns Hopkins Hospital for appointment as Resident House Officers, to serve for one year from the following first of September.

The selection is made as follows: (1) Not later than December 15 of each year a notice is sent to the unmarried

members of the graduating class giving the number of house officers to be appointed in each service for the following year, and requesting those desiring such posts to present their written applications in person to the Superintendent of the Johns Hopkins Hospital not later than January 1, stating what service is preferred. A second or third choice may be indicated if desired. The applications will be considered at a special meeting of the Faculty to be held prior to January 15.

(2) The applicants for each service will be selected according to their standing, based upon the work of the first three years, although the Faculty reserves the right to take into consideration the personal fitness of the applicants.

The individual standing of the students will not be posted, but they will be informed whether they stand in the first, second or last third of the class. Should the necessary number of house officers not be obtained from the first group, the remainder may be selected without regard to their standing.

One or more places on each staff may be awarded, if so desired by the head of the department, to graduates from other schools or to earlier graduates of the Johns Hopkins Medical School. After confirmation by the Trustees of the Johns Hopkins Hospital, such appointees assume their duties on September 1.

The appointments of the resident physician, surgeon, gynecologist and obstetrician, etc., of the Johns Hopkins Hospital are permanent. The various resident assistantships under these are annual appointments, subject to renewal.

MEDICAL SUPERVISION OVER STUDENTS

The University appoints and pays an official medical adviser to the students of the Medical Department. This officer has a definite hour for consultation, and, when requested, is expected to visit in their own homes such students who

are too ill to come to him, and to obtain for them the services of specialists when necessary.

Dr. Arthur L. Bloomfield, the Resident Physician to the Hospital, holds this position for the current academic year.

In order to guard more carefully the health of the students, the Medical Faculty decided in 1909, that all entering students should undergo a medical examination. During the month of October each student is directed to report to one of a group of physicians selected for this purpose, when a careful physical examination is made and the results are recorded and placed on file. If unsatisfactory conditions are discovered the student is given appropriate advice.

A competent physician is also appointed to supervise the hygienic condition of all boarding houses which advertise through the office for the patronage of students. A list of such houses as satisfy his requirements is posted in the office of the Medical School.

LIBRARIES

The University Library contains 205,399 volumes, selected with especial reference to the instruction here given. It is arranged in several collections.

The works relating to medicine are placed in special libraries in the Hospital and in the Medical School, and are readily accessible to students and to the workers in the laboratories. The leading medical periodicals of the world are regularly received and complete sets of the more important journals are on the shelves.

The library of the Medical and Chirurgical Faculty of Maryland, 1211 Cathedral Street, contains 33,373 volumes, and is conducted in affiliation with the library of the Medical School. Other libraries of Baltimore are the Peabody, the Enoch Pratt, and the New Mercantile, with 234,705, 355,817 and 92,950 volumes respectively. With the exception of the

last-named, these libraries are open to students of the Medical School without charge.

Washington is so near that its libraries and museums may be easily utilized. Among the chief institutions of interest to students are: The Smithsonian Institute and National Museum, the Library of Congress, the Library of the Surgeon-General's office, and the Libraries of the various Departments and Bureaus.

MEDICAL SOCIETIES

The Hospital Medical Society, the Laennec Society and the Historical Club meet at the Hospital regularly throughout the academic year. These, as well as the regular meetings of the Baltimore City Medical Society, held in the Medical and Chirurgical Building, are open to students.

PUBLICATIONS

The Bulletin of the Johns Hopkins Hospital, issued monthly, contains articles by those connected with the Medical School and Hospital and the proceedings of the Hospital Societies. The Johns Hopkins Hospital Reports contain the large monographs and results of researches in the Hospital and the laboratories of the Medical School.

DEPARTMENTS OF INSTRUCTION AND ANNOUNCEMENT OF COURSES

DEPARTMENTS OF INSTRUCTION

The following statements are designed to exhibit the opportunities and the character of the instruction and practical work in each department.

ANATOMY

WARREN H. LEWIS, M. D., Professor of Physiological Anatomy.
FLORENCE R. SABIN, M. D., Professor of Histology.
OMER VAN DER STRICHT, M. D., Lecturer in Anatomy.
*GEORGE L. STREETER, M. D., Lecturer in Anatomy.
*JULES DUESBERG, M. D., Lecturer in Anatomy.

Absent on Military Service:

LEWIS H. WEED, M. D., Associate Professor of Anatomy.

Courses of instruction are provided in various anatomical sciences—embryology, histology, microscopic anatomy, neurology and gross human anatomy—and opportunities are afforded for advanced work and investigation in these sciences.

The required courses (I, II, III and IV) for candidates for the degree of Doctor of Medicine may be completed during the first year of the medical course.

Physicians and students not candidates for a medical degree may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

Required Courses

I. SYSTEMATIC COURSE IN THE ANATOMY OF THE HUMAN BODY. Professors Lewis, Streeter, and Duesberg. Autumnal trimester, daily 9-12.

II. SYSTEMATIC COURSE IN THE ANATOMY OF THE HUMAN BODY. Continuation of Course I. Professors Lewis, Streeter, and Duesberg. Winter trimester, daily 9-12.

In courses I and II the student makes a complete dissection of the lateral half of the body, using atlases and text-

* Research Associates in the Carnegie Institution.

books as guides. The work of each student is largely independent.

III. Histology, Organology and Neurology. Professors Sabin and Van der Stricht. The course in histology is given in the first two trimesters of the first year. Autumn trimester, laboratory work, Monday, Wednesday and Friday, 2-5; lecture, Thursday, 2-3. Winter trimester, laboratory work, Monday and Wednesday, 2-5; lecture, Tuesday, 2-3.

The object of the course is to give the student a familiarity with the normal appearances of the tissues of the body. The lectures are to correllate what the student sees under the microscope with our knowledge of the function of cells. The laboratory work consists in training in the use of the microscope for the study of the tissues of the body and their relations in organs. Stress is laid on the relation of the microscopical to the macroscopical appearance of specimens. Fresh tissue is used in reference to evidence of cellular function; the technique of cutting frozen sections is given and students are taught the use of stains for the purpose of analyzing the characteristics of particular cells and the differences between cells. In connection with the laboratory course demonstrations are given which are designed to illustrate the range of histological technique.

IV. Organology and Neurology. Professors Sabin and Van der Stricht. Monday and Wednesday, 2-5. Lectures, Professor Sabin. Tuesday, 2-3. Winter trimester.

The anatomy of the nervous system is given as a part of the work in organology. The laboratory work is intended to give the student a knowledge of the position and relations of the nuclei and the tracts of the brain and cord as far as they can be made out in gross specimens and in dissections. This is supplemented by the study of serial sections and by demonstrations which cover especially the methods of degeneration and successive myelenization. The lectures are a guide to the laboratory course and aim to present the type of evidence on which our present conceptions of the nervous system are based.

Elective Courses

V. Physiological Anatomy. Professor Lewis. Autumn and Winter trimesters. Monday, 12-1.

VI. Study-Room. Professor Lewis. Autumn and Winter trimesters, daily, 9-12.

VII. Topographical Anatomy. Winter trimester, daily, 9-12.

VIII. Development of the Vascular System. Professor Sabin. Original investigation. Autumn, Winter and Spring trimesters.

IX. Original Investigation. Autumn, Winter and Spring trimesters, daily.

X. Gross Anatomy for Graduates in Medicine. Professor Lewis. Fall, Winter and Spring trimesters. Hours and fee arranged with the instructor.

PHYSIOLOGY

William H. Howell, M. D., Professor of Physiology.
Donald R. Hooker, M. D., Associate Professor of Physiology.
Charles D. Snyder, Ph. D., Associate Professor of Physiology.
Helene Connett, A. B., Assistant in Physiology.

The course in physiology extends from January of the first year to January of the second year.

The work consists of (a) a systematic course of lectures or conferences covering the subject of animal physiology; (b) experimental work in the laboratory, and (c) recitations upon the subject matter covered by the lectures and laboratory course. Demonstrations are given from time to time in connection with the lectures.

The course as arranged for 1918-1919 is as follows:

I. The Physiology of Digestion, Secretion and Nutrition. Dr. Hooker. Twice weekly during the first trimester. Second year class.

II. Laboratory Course in Experimental Physiology. Drs. Howell, Hooker, Snyder, and Miss Connett. Two mornings and afternoons weekly during the first and third trimesters. Half of the class takes this course in the third trimester of the first year and the other half during the first trimester of the second year. This laboratory course is arranged to occupy twelve hours a week for about twelve weeks.

III. The Physiology of Muscle and Nerve, Central Nervous System and Special Senses. Dr. Snyder. Three times weekly during the second trimester. First year class.

IV. Physiological Conferences. Dr. Howell. Once weekly during the second trimester. First year class.

V. The Physiology of Blood, Circulation and Respiration. Dr. Hooker. Twice weekly during the third trimester. First year class.

In addition to the foregoing exercises, students are given opportunities to participate in the more advanced courses intended primarily as graduate work. These courses are as follows:

VI. Journal Club. One hour weekly during the year. Those who take part in this course are expected to report from time to time upon papers of physiological interest that may appear in current journals.

VII. Advanced Work in Physiology. Opportunities are available for advanced work in physiology and students are encouraged to undertake a study which will give intensive training in some phase of the subject. The purpose is to qualify them for original investigation. The instruction is given individually and must be arranged for by definite engagement.

PHYSIOLOGICAL CHEMISTRY

WALTER JONES, Ph. D., Professor of Physiological Chemistry.
A. ELLIOTT RICHARDS, Ph. D., Instructor in Physiological Chemistry.

Absent on Military Service:

D. WRIGHT WILSON, Ph. D., Associate Professor of Physiological Chemistry.

Instruction in this branch is given by laboratory work, lectures, demonstrations, and conferences of a less formal character. The work in the laboratory is conducted in two sections which meet in the third trimester of the first year, and in the first trimester of the second year respectively. The exercises are conducted on Tuesdays and Thursdays, from 10 to 1 in the morning, and from 2 to 5 in the afternoon.

I. LABORATORY WORK. Professor Jones and Dr. Richards.

(*a*) A short preliminary course on the chemistry of various substances, such as proteins, fats and carbohydrates, which are usually not familiar to the student of pure chemistry but which should be understood in order that he may intelligently execute the work that follows.

(*b*) A course of qualitative analysis in which some examination is made of nearly every tissue and fluid of the body. Blood, liver, milk (colostrum), muscle, gastric juice, adipose tissue, bone and bile receive special attention, and whenever material is available a study is made of pathological fluids and concretions. The order adopted in the consideration of the chemical topography of the body is such as to emphasize as far as possible, the chemical processes which are going on in the body.

(*c*) A study of those physiological chemical processes that can be closely imitated outside the body, as the action of enzymes, salivary, pancreatic, and gastric digestion.

(*d*) Class experiments. Demonstrations by the instructor in which the entire class usually takes part.

(*e*) Quantitative analysis. Determination of normal and

pathological constituents of urine, analysis of milk, gastric juice, stomach-washing, air, water, and foods. Students are required to execute various metabolism experiments in order to familiarize themselves with the chemical technique and with the problems of dietetics, etc., involved in such work.

(*f*) Examination of the fæces with special references to putrefactive processes.

II. CONFERENCES. Professor Jones. Informal conferences are held at which the laboratory work is discussed and the progress and needs of the students are considered. Here also the recent literature that bears directly on the work is reviewed.

III. LECTURES. Professor Jones. A brief survey of the entire province of physiological chemistry. Emphasis is given to that part of the subject which for obvious reasons must be omitted from a laboratory course.

Graduate Work

PHYSIOLOGICAL CHEMISTRY, *Elementary.* March 15 to June 1. Professor Jones.

A limited number of physicians or others who have had the requisite preliminary training in chemistry will be received for the laboratory course and lectures given to the medical students. Fee $25.00.

PHYSIOLOGICAL CHEMISTRY, *Advanced.* Professor Jones and Dr. Richards.

Those who have the necessary preliminary training and who desire to do work of a special character will be received at any time during the academic year. Fee $50.00, for the year.

PHARMACOLOGY, EXPERIMENTAL THERAPEUTICS, TOXICOLOGY AND PHARMACY

John J. Abel, M. D., Professor of Pharmacology.
Paul D. Lamson, M. D., Associate in Experimental Therapeutics.

David I. Macht, M. D., Lecturer in Pharmacology.

E. F. Kelly, Lecturer in Pharmacy.

Absent on Military Service:

Eli K. Marshall, Jr., Ph. D., Associate Professor of Pharmacology.
Carl Binger, M. D., Assistant in Pharmacology.
Alfred C. Kolls, M. D., Assistant in Pharmacology.

I. Pharmacology. An elective course in this subject occupying one afternoon a week is offered in the second trimester of the second year. The physiological action of a selected list of drugs and poisons is made the subject of this course and the afternoon's work, performed by the student under the immediate supervision of the instructor, is preceded by brief statements of the significance and bearing of the experiment in hand. The aim of this course is to give a clear idea of the general principles and of the more important phenomena involved in the study of pharmacology.

A course of lectures with demonstrations and recitations covering the subject of pharmacology is given during the first and second trimesters. In the first trimester the course is given from 10 to 11 a. m., two days of the week, and in the second trimester from 12 to 1, three days of the week. It is the purpose of this course to treat the subject in a manner adapted to the needs of the medical student. As this course requires much outside reading it will be estimated at one and two-fifth units.

In the third trimester a course of lectures and demonstrations is given once a week on prescription writing and the dosage of the more important pharmacopœial preparations.

Experimental therapeutics is carried on as part of the research work of the department.

II. Toxicology. An elective laboratory course in this subject is offered in the second trimester. This course occupies one afternoon a week during the trimester and deals with the subjects both from the chemical and medical points of view.

III. Pharmacy. Pharmacy is treated by Professor Kelly in a course of demonstrations and lectures, once weekly for three months. Weights and measures, incompatibles, special points relating to prescriptions and the official pharmacopœial preparations are fully dealt with. The more important preparations are made before the class.

IV. Practical Course in Pharmacy. An elective course designed especially for students of the second year, is given by Professor Kelly and his assistant, on Mondays at 3 p. m. during the third trimester. All typical pharmacopœial preparations are made and typical prescriptions are compounded by each student. One-half unit.

Graduate Work

Pharmacology and Experimental Therapeutics, *Advanced.* Professor J. J. Abel and members of the staff.

Those who have had the necessary preliminary training and who desire to do work of a special character may be received at any time during the academic year.

PATHOLOGY AND BACTERIOLOGY

William G. MacCallum, M. D., Professor of Pathology.
Admont H. Clark, M. D., Associate Professor of Pathology.
H. Hays Bullard, M. D., Associate in Pathology.
Lloyd D. Felton, M. D., Associate in Bacteriology.
Frederic E. B. Foley, M. D., Assistant in Pathology.
Carlos P. Chagas, M. D., Assistant in Pathology.

Absent on Military Service:

Harry C. Schmeisser, M. D., Associate in Pathology.
Stanhope Bayne-Jones, M. D., Associate in Pathology and Bacteriology.

Samuel Goldschmidt, M. D., Instructor in Pathological Chemistry.
William P. Finney, Jr., M. D., Instructor in Pathology.
Karl H. Martzloff, M. D., Assistant in Pathology.
Herman J. Bollinger, M. D., Assistant in Bacteriology.

General bacteriology is taught in the third trimester of the first year; general pathology, during the first and second trimesters of the second year. The course in bacteriology is introductory and concerned with methods and the study of bacteria in general and in their relation to disease. The course in pathology is based upon previous studies of anatomy, physiology, and chemistry and is meant to present the anatomical, chemical, and functional changes which occur in human disease. In the case of infectious diseases, the pathogenic organisms are restudied in connection with the disturbances which they produce. The laboratory is well equipped for teaching and research in bacteriology and parasitology, pathological anatomy, experimental pathology, and pathological chemistry.

I. Bacteriology. Dr. MacCallum, Dr. Felton and members of the staff. Third trimester of the first year (March 15-June 1), Monday afternoon, Wednesday and Friday mornings.

The course is devoted to the study of pathogenic bacteria in their relation to the diseases of human beings. Especial stress is laid upon these etiological relations and upon the destructive effects produced by the bacteria as well as the evidences of protective reactions.

The student familiarizes himself with the sterilization of glassware, the making of culture media and the methods of cultivation and study of bacteria. This includes the immunization of animals and the practical application of the accompanying biological reactions, agglutinin and precipitin formation, etc., which are now essential to the proper differentiation of the bacteria.

The practical work also requires the students, in small groups, to be present at the autopsies and to cultivate from

the tissues the bacteria responsible for the disease. The results are reported, in conference, to the whole class.

Lectures and demonstrations are devoted to the broader aspects of infection and immunity.

II. Autopsies. Dr. MacCallum and staff. The greatest stress is laid upon the close attendance upon autopsies and the mastery of the technical methods employed, together with the proper interpretation and recording of the lesions discovered. Students, working in small groups, are required to perform these autopsies and to make proper protocols. They are allowed the privilege of making and studying microscopical preparations from the tissues, after which the case is reviewed with them by the instructors. The autopsies thus form the basis of a plan of case teaching which supplements the general systematic course.

III. Demonstrations in Gross Morbid Anatomy. Dr. MacCallum and staff, 12-1 twice a week in two divisions during the first, and 9-10 during the third trimester, and three times a week from 10-12 in three divisions during the second trimester, in the pathological laboratory and at Bay View.

The fresh anatomical material collected during the week is demonstrated to students of the second year, affording them abundant opportunity to familiarize themselves with the normal and abnormal texture of the organs.

IV. General Pathology and Pathological Anatomy. Prof. MacCallum, Dr. Clark, and staff. Monday, Wednesday, and Friday afternoons 2-5 during the first and second trimesters of the second year. This is a practical laboratory course in which, after a brief introductory lecture, the student is given for study, each afternoon, gross and microscopical preparations which illustrate, in a systematic way, the pathological processes met with in human disease. Wherever practicable, experimental demonstrations are introduced, and the bacteriological aspects of infectious diseases are emphasized and practically studied.

V. Recitation. Prof. MacCallum. Mondays at 12 during the first trimester and on Tuesday at 12 during the second trimester. These weekly recitations are intended as a review of the work of the previous week and afford an opportunity for the discussion of obscure points or difficulties. On occasions, certain subjects may be assigned for discussion by one or more students, as an exercise in consulting the literature of that subject.

VI. Clinical and Pathological Conference. Wednesday at 12 m. throughout the year. (See Department of Medicine, page 91.)

VII. Advanced Work and Special Research. Opportunity is offered to those suitably trained to pursue advanced work or specialized research in pathological anatomy, experimental pathology, or bacteriology. For these purposes there is adequate space and equipment.

VIII. Immunology and Advanced Bacteriology. Dr. S. Bayne-Jones, Dr. Felton, and staff. Recent donations to the department have established a new laboratory for investigation in immunology and special bacteriology. As the efforts of this department will be directed to the study of problems in infectious diseases, the work will supplement that of the course in general bacteriology and will include serological procedures of especial clinical significance. A course in serum-study and advanced bacteriology will be offered to students, for the purpose of providing them with an opportunity to gain laboratory experience in the fundamental and recent methods of immunology. This course will be open to a limited number of students of the third and fourth year classes, and will be offered during the Second Trimester on Wednesdays and Fridays from 2-5 p. m. Facilities will be provided at all times for students who wish to conduct independent investigations in this subject.

IX. Practical Bacteriology for Army Laboratories. Fourth year. This course is given in each trimester to one-third of the class and is compulsory. Its aim is to familiarize

students with the practical bacteriology required in the laboratories of Base Hospitals and will include the elements of autopsy technique.

Practical training in the use of culture methods, diagnostic and therapeutic sera and the commoner laboratory procedures for diagnosis will be carried out in connection with the more important infectious diseases.

Experimental Pathology

A separate laboratory has been established for courses in experimental pathology, and, in addition to such experimental demonstrations as are given in the general course in pathology, there is offered a special course, devoted to the study of selected topics in the field of pathological physiology. This course, which is open to a limited number of adequately trained students, will consist of informal lectures, experiments, and demonstrations, given during the second trimester on Thursdays, 9-12 a. m.

The main object of the course is to give students some training in the methods of experimental research, and to encourage those who are especially fitted, to proceed with the investigation of problems which arise in the course of their work, or which are suggested in conference. It is probable, that the subjects of the course will be closely related to the problems which are being studied by members of the staff.

Graduate Work

Pathology. A limited number of physicians will be received during the year in the courses in bacteriology and pathology. Fee for the year $50.00, for half year $25.00. Apply to Professor MacCallum.

MEDICINE

(Including Work in the Clinical Laboratories)

William S. Thayer, M. D., Professor of Medicine, Medical Consultant-in-Chief, A. E. F., France.
Louis V. Hamman, M. D., Associate Professor of Clinical Medicine and Acting Head of Department.
Paul W. Clough, M. D., Associate Professor of Medicine.
Allen K. Krause, M. D., Associate Professor of Medicine.
Edward P. Carter, M. D., Lecturer in Medicine.
William S. Miller, M. D., Lecturer in Medicine.
Arthur L. Bloomfield, M. D., Associate in Medicine.
Mildred Clark Clough, M. D., Instructor in Medicine.
Linda B. Lange, M. D., Instructor in Medicine.
George A. Harrop, M. D., Instructor in Medicine.
S. Ernestine Howard, M. D., Assistant in Medicine.
Hallie M. Clark, M. D., Assistant in Medicine.
Ethel Benedict, A. M., Assistant in Medicine.

Lewellys F. Barker, M. D., Professor of Clinical Medicine.
Thomas B. Futcher, M. D., Associate Professor of Clinical Medicine.
Frank R. Smith, M. D., Associate in Clinical Medicine.
Thomas R. Brown, M. D., Associate in Clinical Medicine.
Louis P. Hamburger, M. D., Associate in Clinical Medicine.
Charles R. Austrian, M. D., Associate in Clinical Medicine.
Sydney R. Miller, M. D., Associate in Clinical Medicine.
Albert Keidel, M. D., Associate in Clinical Medicine.
J. Hall Pleasants, M. D., Instructor in Clinical Medicine.
Samuel Wolman, M. D., Instructor in Clinical Medicine.
Charles W. Larned, M. D., Instructor in Clinical Medicine.
Robert W. B. Mayo, M. D., Instructor in Clinical Medicine.
Martin F. Sloan, M. D., Instructor in Clinical Medicine.
Mary A. Hodge, M. D., Instructor in Clinical Medicine.
Eugene J. Leopold, M. D., Assistant in Clinical Medicine.
Caroline B. Towles, M. D., Assistant in Clinical Medicine.
Edward V. Coolahan, M. D., Assistant in Clinical Medicine.
Jacob Cohen, M. D., Assistant in Clinical Medicine.
Ernest H. Gaither, M. D., Assistant in Clinical Medicine.
Ernest L. Zimmerman, Assistant in Clinical Medicine.

Absent on Military Service:

Clyde G. Guthrie, M. D., Associate Professor of Medicine.
N. Worth Brown, M. D., Lecturer in Medicine.

Thomas P. Sprunt, M. D., Associate in Medicine.
Eveleth W. Bridgman, M. D., Instructor in Medicine.
Robert L. Levy, M. D., Instructor in Medicine.
Frank A. Evans, M. D., Instructor in Medicine.
Isidore I. Hirschman, M. D., Instructor in Medicine.
Alan C. Sutton, M. D., Assistant in Medicine.
Thomas R. Boggs, M. D., Associate Professor of Clinical Medicine.
Walter A. Baetjer, M. D., Associate in Clinical Medicine.
J. Albert Chatard, M. D., Instructor in Clinical Medicine.
Henry L. Smith, M. D., Instructor in Clinical Medicine.
John H. King, M. D., Instructor in Clinical Medicine.
John T. King, Jr., M. D., Instructor in Clinical Medicine.
Alma S. Rothholz, M. D., Assistant in Clinical Medicine.

The teaching is in the dispensary, in the clinical laboratories, in the wards, and in the clinical amphitheatre. Emphasis is laid on practical instruction, by which the student is brought directly in contact with the patients and taught from the outset how to recognize and treat disease as it occurs in nature not in books.

A. *Primarily for Students of the Third Trimester of the Second Year.*

1. Introduction to Clinical Medicine. Two clinics or conferences a week are held by Dr. Austrian at which cases illustrating important groups of diseases or showing striking symptoms are presented and discussed from the standpoint of the student's knowledge of physiology and general pathology.

2. Physical Diagnosis.

a. *Practical Instruction.* In small groups twice a week from 10 to 12. Drs. Carter, Hamburger, Pleasants, Wolman, Mayo, and Mildred Clough.

b. *Demonstrations.* Two hours weekly. Dr. M. Clough.

c. *Recitation.* One hour weekly. Dr. M. Clough.

3. Practical Clinical Instruction.

In sections, daily, from 10 to 12. Each sixth of the class will receive instruction in the medical dispensary during a portion of the trimester.

B. *Primarily for Students of the Third Year.*

4. Physical Diagnosis. During the first and second trimesters.

a. *Practical Instruction.* The group teaching in Physical Diagnosis will be given by Drs. Hamburger, Pleasants, Carter, Mayo, Wolman, and Mildred Clough.

b. *Recitation.* One hour weekly, first and second trimesters. Dr. Futcher.

5. Practical Clinical Instruction. In sections, Mondays, Wednesdays, Thursdays, and Saturdays, from 10 to 12. Each quarter of the class will assist in the medical dispensary twice a week, for one-third of the year, under the direction of one of the Associate Professors.

6. Clinical Instruction at Bay View. During the second half year each quarter of the class spends one morning a week at the City Hospital, Bay View, under the direction of Dr. Austrian.

7. Laboratory Diagnosis.

Drs. S. R. Miller and Clark conduct throughout the year, a course in microscopical and chemical diagnosis. For this work, three lectures and two afternoons a week in the laboratory are required. The course is a systematic one in which the students are trained in the clinical methods of examining sputum, gastric contents, urine, fæces, and blood, utilizing the material obtained from the wards for the practical work.

Under the subjects of blood and fæces particularly, attention is given to the diagnosis of the various parasitic infections important clinically, with a consideration of the parasites and carriers concerned, as an introduction to Tropical Medicine.

Considerable practical work is required outside of the regular class hours.

Two of the large rooms of the clinical laboratory are devoted exclusively to the third year students. Each student

has his own place in the laboratory, with locker, microscope, reagents, etc.

8. Clinical Medicine.

a. *Clinical Lectures and Conferences.* In order to cover the subject of Internal Medicine as systematically as possible, the following Clinics and Recitations have been arranged for. Two Clinics and a Recitation weekly will be given until each course is completed.

1. *Infections.* Dr. Paul W. Clough.

2. *Tuberculosis.* Dr. Allen K. Krause and Dr. Miller.

3. *Non-tuberculous Diseases of the Respiratory Tract.* Dr. Charles R. Austrian.

4. *Diseases of the Cardio-Vascular System.* Dr. E. P. Carter.

5. *Diseases of the Gastro-Intestinal Tract.* Dr. T. R. Brown.

6. *Diseases of Blood, Spleen and Lymphatic Glands.* Dr. Sydney R. Miller.

7. *Diseases of the Endocrine Glands.* Dr. Llewellys F. Barker.

8. *Syphilis.* Dr. Albert Keidel.

9. *Diseases of Metabolism and Bright's.* Dr. T. B. Futcher.

b. *Dispensary Clinics.* Associate Professor Futcher on Thursday at 12 throughout the year will hold a clinic at the close of the practical instruction in the dispensary.

c. *The Saturday Clinic.* On Saturdays at noon the third year students meet with those of the fourth year for a general clinic in the medical amphitheatre of the hospital. Associate Professor Hamman, first and second trimesters; Professor Barker, third trimester.

9. Therapeutics. Dr. Bloomfield, assisted by Dr. Levy.

a. *Demonstrations* once a week throughout the year. Practical demonstrations of the various therapeutic procedures, such as bleeding, aspiration, and paracentesis, the simpler hydrotherapeutic procedures, etc. The general care of patients and the treatment of special diseases is considered;

dietetic treatment and the preparation of the simpler foods are described. The various groups of drugs are studied from the standpoint of their indications and the methods of their use in the treatment of disease, and the students observe their effects as employed in the regular treatment of the patients in the medical wards of the hospital.

b. *Recitation* once a week for the third trimester.

10. Syphilis. Clinical lecture, Tuesday from 4.30 to 5.30, during the first trimester. Dr. Keidel.

11. Tuberculosis. Lecture, Tuesday, from 4.30 to 5.30, during the second trimester. Associate Professor Krause.

An analytical discussion of the history and pathology of tuberculosis, of the avenues and extension of infection, and of the phenomena of immunity and hypersensitiveness.

12. Elective Courses. During the third trimester.

a. *Tuberculosis.* In the Phipps Dispensary, Mondays and Wednesdays, or Thursdays and Saturdays, from 10 to 12, limited to six students. Dr. Austrian.

b. *Diseases of the Stomach and Intestines.* Mondays and Wednesdays, from 10 to 12. Dr. T. R. Brown.

c. *The Cardiac Arrhythmias.* Lecture, Fridays at 4.30, during the second trimester. Dr. Carter.

d. *Summer Work in the Dispensary.* After the completion of the second and third years the students have an opportunity to assist in the dispensary during the summer months. Associate Professors Futcher and Pleasants.

g. *Advanced Work and Research.* (See page 94.)

C. *Primarily for Students of the Fourth Year.*

The students are divided into three equal groups, each group serving for one trimester, successively, in the medical, surgical, and elective divisions of the hospital.

13. Ward Work. The members of each medical group serve for a trimester as clinical clerks in the medical wards of the hospital, to which they have access from 9 a. m. to 5 p. m. A number of beds are assigned to each student, who

takes the histories and makes the necessary examinations under the guidance and direction of the medical staff.

In addition to the ordinary routine work, each student is encouraged to make studies with some especial method and to make a report of his experiences with it.

14. Ward Classes. Every morning, at 9, a ward visit is made by the Professor, one of the Associate Professors or Clinical Professors, or the Resident Physician.

15. The Saturday Clinic. At 12 o'clock on Saturday, the fourth year students attend a general medical clinic in the amphitheatre. The clinical clerks read the histories of the new cases brought before the class, and report on the progress of cases previously shown. Professor Hamman, first and second trimesters; Professor Barker, third trimester.

16. Clinical and Pathological Conference. At 12 o'clock on Wednesday, a clinical and pathological conference is held throughout the academic year in the pathological laboratory. Professor Hamman, with Professor McCallum.

17. Advanced Medical Clinic. Elective. At 12 o'clock on Tuesday during the first and second trimesters, Professor Barker will give clinical lectures in the amphitheatre on selected topics.

18. Medical Bacteriology. Elective course. Drs. P. W. and M. C. Clough. Practical work open to members of the medical section each trimester. At suitable times opportunity will be afforded to small groups to familiarize themselves with the technique of the various diagnostic procedures carried on in the bacteriological laboratory. Informal talks and laboratory demonstrations will be given.

21. Advanced Course in the Phipps Dispensary for Tuberculosis. Elective course. Associate Professor Krause, Dr. W. S. Miller, Dr. Austrian, and Dr. Lange. Second trimester. Limited to four students.

a. Clinical portion, Tuesdays and Fridays, 10 to 12 m.

b. Laboratory portion, two mornings a week from 9 to 12.

In the Dispensary patients will be examined and studied

under the direction of Dr. Austrian. The laboratory work will consist in the bacteriological examination of specimens from the patients, in the study of pathological-anatomical methods, of isolation and cultivation methods of tubercle bacilli and related acid-fast bacteria, in the methods of inoculation of laboratory animals, the preparation of tuberculins and experimental work on immunity and hypersensitiveness.

22. Tuberculosis. Elective. Lecture, Tuesday, from 4.30 to 5.30, during the second trimester.

23. Diseases of the Stomach and Intestines. Elective course. Fridays from 12 to 1, during the third trimester. Dr. Brown.

24. Diagnosis and Treatment of Some Minor Ailments. Elective course. Tuesdays, 12 to 1, third trimester. Dr. Hamburger.

25. The Cardiac Arrhythmias. Elective course. Lecture Fridays at 4.30, second trimester. Dr. Carter.

26. Syphilis. Elective course.

a. *Clinic.* Thursdays from 3 to 4 p. m., during the year. Dr. Keidel.

b. *Practical Work* in the syphilis department of the dispensary, Tuesdays, Thursdays and Saturdays, from 2 to 3.30. Dr. Keidel.

27. Advanced Work and Research. Students of the third and fourth years may, if fitted for it and with the permission of Professor Hamman, undertake advanced work and research in internal medicine (see below).

Graduate Work.

28. Medicine, Elementary. A limited number of physicians may be admitted as auditors to the ward classes and clinics of the third and fourth years. They may also be admitted to elective courses, when vacancies exist. It is im-

possible to admit graduate students to any of the practical courses during the regular academic year. Fee $100.00 for the entire year; $50.00 for half a year. Applications should be made to Professor Hamman.

29. Medicine, Advanced Work and Research. Physicians properly trained in fundamental methods who are desirous of pursuing some definite lines of investigation may be admitted to the clinic as voluntary assistants. The facilities available for this purpose comprise the medical wards of the hospital, the medical dispensary service, and the following laboratories of the clinic: the general clinical laboratory, the chemical laboratory, the biological and bacteriological laboratories, the heart station, the Kenneth Dows Laboratory for Tuberculosis, and the Hunterian Laboratory of Experimental Medicine.

DISEASES OF THE NERVOUS SYSTEM

Henry M. Thomas, M. D., Clinical Professor of Neurology.
G. Lane Taneyhill, M. D., Associate in Clinical Neurology.
Charles M. Byrnes, M. D., Associate in Clinical Neurology.

Absent on Military Service:

Daniel D. V. Stuart, M. D., Assistant in Clinical Neurology.

The following required courses are given:

For students of the third trimester of the Second Year.

I. Introduction to Neurology, Friday, 3 to 4 p. m.

For students of the third year.

II. Practical work. The class is divided into four sections and each section works in the neurological dispensary from 10 a. m. to 12 m., twice a week for first half year, and once a week for second half year.

III. Recitation or clinic. Friday, 12 to 1 p. m., after April 1.

The following elective course is offered during the fourth year:

Neurological dispensary. Daily, 10 to 11 a. m., repeated each trimester.

SURGERY

William S. Halsted, M. D., Professor of Surgery.
Emil Goetsch, M. D., Associate Professor of Surgery.
Walter E. Dandy, M. D., Associate in Surgery.
Mont R. Reid, M. D., Instructor in Surgery.
Ernest G. Grey, M. D., Instructor in Surgery.
Adrian S. Taylor, M. D., Instructor in Surgery.
Emile F. Holman, M. D., Assistant in Surgery.

Joseph C. Bloodgood, M. D., Associate Professor of Clinical Surgery.
Richard H. Follis, M. D., Associate Professor of Clinical Surgery.
Omar B. Pancoast, M. D., Instructor in Clinical Surgery.
Harry L. Homer, M. D., Instructor in Clinical Surgery.
J. William Pierson, M. D., Instructor in Clinical Roentgenology.
Elliott H. Hutchins, M. D., Assistant in Clinical Surgery.

Urology

John T. Geraghty, M. D., Associate Professor of Clinical Urology.
William A. Frontz, M. D., Instructor in Urology.
Frederick W. Hobelmann, M. D., Instructor in Clinical Urology.

Orthopedic Surgery

George E. Bennett, M. D., Associate in Clinical Orthopedic Surgery.
Mark H. Tibbetts, M. D., Assistant in Orthopedic Surgery.

Laryngology

Samuel J. Crowe, M. D., Associate Professor of Clinical Laryngology.
Frederick H. Linthicum, M. D., Assistant in Laryngology.
Hoagland C. Davis, M. D., Assistant in Clinical Laryngology.

Absent on Military Service:

George J. Heuer, M. D., Associate Professor of Surgery.
John M. T. Finney, M. D., Professor of Clinical Surgery.
Frederick H. Baetjer, M. D., Associate Professor of Roentgenology.
William A. Fisher, M. D., Instructor in Clinical Surgery.

Charles A. Waters, M. D., Instructor in Roentgenology.
J. Staige Davis, M. D., Instructor in Clinical Surgery.
Bertram M. Bernheim, M. D., Instructor in Clinical Surgery.
Harvey B. Stone, M. D., Instructor in Clinical Surgery.
J. Julian Chisolm, M. D., Instructor in Laryngology.
Hugh H. Young, M. D., Clinical Professor of Urology.
David M. Davis, M. D., Associate in Urology.
J. A. Campbell Colston, M. D., Instructor in Urology.
Jonathan E. Burns, Jr., M. D., Instructor in Urology.
William S. Baer, M. D., Associate Professor of Clinical Orthopedic Surgery.
Roades Fayerweather, M. D., Instructor in Clinical Orthopedic Surgery.
Henry R. Slack, M. D., Instructor in Clinical Laryngology.

The teaching is in the dispensary, in the wards and operating rooms of the Hospital, in the clinical laboratory and in the Hunterian Laboratory of Experimental Medicine.

A required introductory course is given in the third trimester of the second year consisting of clinics and recitations.

The principal subjects of the third year are the general principles of surgery, surgical diagnosis, surgical pathology and operative surgery in the laboratory.

I. Clinics. A weekly clinic is given by Professor Halsted for students in the third and fourth years.

Two clinics weekly are given by Professor Follis for the third year class.

II. Minor Surgery. Twice weekly, one-half the class. Drs. Follis, Pancoast, and Homer.

III. Surgical Diagnosis and Pathology. Professor Bloodgood, Wednesday, 2-4.30, entire year, whole class. Friday, elective course, 2-4.30 p. m. (See special announcement.)

IV. Operative Surgery. Drs. Goetsch, Dandy, Reid, Grey, and Holman. Elective, once weekly, from October to May. A four-hour exercise is given to successive sections in the Hunterian laboratory.

V. Recitations. Upon assigned subjects, by Drs. Follis, Goetsch, Pancoast, Grey, Dandy, and Taylor.

The work of the fourth year consists of:

I. Ward Work. The members of each of the three groups into which the class of the fourth year is divided, serve for a trimester in the surgical wards of the Hospital.

II. Ward Classes. The students make the morning and other visits to the wards with Professors Halsted, Goetsch, Bennett, Geraghty, Dandy, and the resident surgeon where they receive bedside instruction.

III. Clinics. A weekly clinic, by Professor Halsted, Friday, 12 m. to 1 p. m.

IV. Surgical Operating Room. To each group of fourth-year students the privileges of the private operating rooms are extended for one trimester.

V. Genito-Urinary Surgery. Associate Professor Geraghty. (For details, see below.)

VI. Recitation. Professor Bloodgood. Tuesday, 11 to 12 m. (entire group).

VII. Orthopedic Surgery. Dr. Bennett. (For details, see page 98.)

VIII. Laryngology. Dr. Crowe. (For details, see page 99.)

IX. Roentgenology. Dr. Baetjer.

Graduate Work

Surgical Pathology. Professor J. C. Bloodgood.

Graduates can enter the Laboratory of Surgical Pathology at any time for special instruction. The work is so arranged as to occupy the entire day or a portion of each day. A fee is charged for this course.

X-Ray Diagnosis and Therapeutics. Dr. F. H. Baetjer. This course is given three times during the year, as follows: Course I, October 15 to December 15; Course II, January 15 to March 15; Course III, April 15 to June 15. (Limited to five in each course.)

Each course consists of daily demonstrations from 11 a. m. to 12.30 p. m., and aims to give a practical knowledge of the construction and manipulation of the X-ray apparatus, and its use in diagnosis and treatment.

Urology

During the fourth year Drs. Geraghty and Frontz conduct the following elective courses:

Minor Course

I. Practical work in the dispensary, daily from 2 p. m. to 3.30 p. m., for one-half trimester or alternate days for entire trimester.

II. Weekly lecture or clinic, Dr. Geraghty, Monday, 3.30 p. m. to 4.30 p. m., for one trimester.

Major Course

I. Practical work in the Hospital laboratories or operating room, daily from 9 a. m. to 12 m., for one trimester. (Limited to six students.)

II. Weekly lecture or clinic, Monday, 3.30 p. m. to 4.30 p. m., throughout the year.

III. Lectures on diseases of the Genito-Urinary Tract, twice weekly, Dr. Frontz, Monday and Thursday, 12-1 p. m.

Orthopedic Surgery

Instruction in Orthopedic Surgery is given throughout the fourth year by Dr. Bennett, assisted by the staff.

Obligatory Work:

I. Ward rounds, once weekly throughout the year, for the surgical section.

II. Operative clinic, Monday and Thursday, 10-12.

Elective Courses

I. A clinical lecture or recitation is given throughout the entire year, on Thursdays, from 12 m. to 1 p. m.

II. Clinical instruction for groups of fourteen three times weekly, for one trimester, from 2 to 3.30 p. m.

Laryngology

Under the title of Laryngology is included the diseases of the ear and the various surgical conditions of the air passages and thorax.

Throughout the third year obligatory courses in dispensary work are given to groups of 15 students on Saturday, from 2 to 4 p. m., as a preparation for the work of the fourth year.

An elective course in the pathology of the air passages is offered to fourth year students during the first and second trimesters.

An elective course in bronchoscopy and œsophagoscopy on dogs is offered to fourth year students during the first two trimesters.

The following elective courses are offered during the fourth year:

I. *Minor Course:*

(a) Practical work in the dispensary on Monday, Wednesday and Friday, 2 to 3.30 p. m., for one trimester.

(b) Demonstration of cases in dispensary by some member of the staff on Monday, Wednesday or Friday, 2.30 to 3.30 p. m.

II. *Lecture or Clinic.* Dr. Crowe, Wednesday, 3.30 to 4.30 p. m., throughout the year. When possible, cases will be shown to illustrate the various surgical maladies of the ear, air passages and chest.

III. *X-ray Diagnosis* of diseases of the mastoid, accessory nasal sinuses and chest.

IV. *Major Course:*

(a) Practical work in the dispensary, daily from 2 to 3.30 p. m., for one trimester.

(b) Lecture, obligatory, on Wednesdays, 3.30 to 4.30 p. m., for one trimester.

(c) Must assist in at least ten laryngological operations in the general operating room.

PEDIATRICS

John Howland, M. D., Professor of Pediatrics.
Kenneth D. Blackfan, M. D., Associate in Pediatrics.
Grover F. Powers, M. D., Instructor in Pediatrics.
Paul G. Shipley, M. D., Instructor in Pediatrics.
Benjamin Kramer, M. D., Instructor in Pediatrics.
Harold L. Higgins, A. B., Assistant in Pediatrics.
J. H. Mason Knox, Ph. D., M. D. Associate in Clinical Pediatrics.

Absent on Military Service:

Edwards A. Park, M. D., Associate Professor of Pediatrics.
James L. Gamble, M. D., Instructor in Pediatrics.

Second Year

During the last trimester of this year one hour a week is devoted to recitations, demonstrations and lectures upon the growth and development of infants and children and upon the subject of nutrition, normal and abnormal and the influence of the food stuffs, in so far as pediatrics is concerned.

Fourth Year

I. A weekly clinic or lecture on Monday from 12 to 1 throughout the year. This is given by Professor Howland in the first and second trimesters and by Dr. Knox in the third trimester.

II. Section teaching is given to each section twice a week for one trimester. This consists in the examination by students of patients in the wards and in the dispensary, in the

presentation of cases by the students and in the discussion of symptoms, diagnosis and treatment. Special attention is paid to the diseases peculiar to infancy and childhood and to the differences in the manifestation of disease in children as contrasted with adults.

III. An elective major course is given each trimester to not more than seven students. Those electing this course serve as clinical clerks in the wards and dispensary, as well as attend the other exercises.

OBSTETRICS

J. Whitridge Williams, M. D., Professor of Obstetrics.
Karl M. Wilson, M. D., Associate in Clinical Obstetrics.
John W. Harris, M. D., Instructor in Obstetrics.
William C. McKee, M. D., Assistant in Obstetrics.

Absent on Military Service:

Everett D. Plass, M. D., Associate in Obstetrics.
William L. Millea, M. D., Instructor in Obstetrics
John G. Murray, Jr., M. D., Instructor in Obstetrics.

Instruction is given in the third and fourth years. The third-year work is obligatory and must be taken by all students, while that of the fourth year is elective.

Third Year

In this year five hours a week are devoted to the subject, and the time is divided as follows:

I. Recitations or Exercises with the Manikin. Thrice weekly throughout the year. In the former the general principles of obstetrics are considered, while in the latter, which are interspersed between the recitations, the technique of obstetrical examination and of the various operative procedures is taught.

II. Practical Instruction. This includes the examination of pregnant women, pelvimetry, the delivery of patients, and the care of the woman and child after delivery.

III. Ward Classes to groups, twice weekly throughout the year.

IV. Elective courses in Obstetrical Pathology will be given on Friday afternoons, from 2 to 4, by Dr. Williams during the first, and by Dr. Wilson during the second trimester. Practical laboratory instruction is given in the anatomy and histology of the generative organs, as well as in the pathology of the various diseases of pregnancy, labor and the puerperal state.

Fourth Year

The elective work of this year is arranged in trimesters. Classes are held on Tuesday, Thursday and Friday from 10 to 12 o'clock, and patients are delivered as they fall into labor. Each practical course will be limited to ten students, and the work will be divided as follows:

I. Delivery of patients in the ward and out-patient service and opportunity to witness all operations performed in the department.

II. Ward and nursery rounds.

III. Ante- and post-partum examination of patients.

IV. Obstetrical seminary.

V. A course of practical instruction in contracted pelves.

VI. A practical and laboratory course on the metabolism of pregnancy and its abnormalities.

VII. A course in comparative placentation and elementary teratology.

VIII. Obstetrical pathology.

A credit of 2½ units will be allowed for the class work and the delivery of ten or more patients in the out-door service.

GYNECOLOGY

HOWARD A. KELLY, M. D., Professor of Gynecology.
WILLIAM W. RUSSELL, M. D., Associate Professor of Clinical Gynecology.
THOMAS S. CULLEN, M. B., Associate Professor of Clinical Gynecology.
GUY L. HUNNER, M. D., Associate in Clinical Gynecology.
ELIZABETH HURDON, M. D., Associate in Clinical Gynecology.
EDWARD H. RICHARDSON, M. D., Associate in Clinical Gynecology.
HENRY H. HAMPTON, M. D., Instructor in Gynecology.
DEWITT B. CASLER, M. D., Instructor in Clinical Gynecology.
EMIL NOVAK, M. D., Instructor in Clinical Gynecology.

Absent on Military Service:

GEORGE L. STICKNEY, M. D., Voluntary Assistant in Clinical Gynecology.

Instruction is given to third and fourth year students and also to graduates. The courses of the third year are obligatory, those of the fourth year elective.

Third Year

I. Gynecological diagnosis. Each section once a week for four months. Practical instruction in the technique and interpretation of pelvic examinations; demonstrations of selected operations. Drs. Russell, Richardson and Casler.

II. A lecture, pathological demonstration or recitation once a week, throughout the year. This course does not overlap. A new subject will be considered each lecture day throughout the school year. Drs. Russell, Hunner, Richardson and Casler.

Fourth Year

I. Ward rounds twice a week; bedside instruction and demonstrations. Dr. Cullen and the resident Gynecologist.

II. Out-patient clinics. A limited number of students are allowed to assist in the work of the dispensary daily, 2 to 5 p. m. Drs. Richardson and Casler, and the resident staff.

III. Practical Cystoscopy. Demonstrations, covering the entire subject of diseases of the urinary tract in women, to a limited number of students three days a week from 2.30 to 4.30 p. m. Dr. Hunner and the Resident Gynecologist.

IV. Advanced Course. Offered to each section for one trimester. This includes ward rounds, pelvic examinations under anesthesia, demonstrations of operating room technique and of major operations, lectures and recitations. Drs. Kelly and Cullen.

V. Gynecological Pathology. This course embraces the thorough gross and microscopic study of all diseases of the pelvic structures. Special attention is given to the examination of scrapings. Drs. Cullen, Hurdon, and Novak.

Graduate Work

Gynecological pathology (limited to five students). Dr. Cullen and Staff.

This course begins October 1 and extends through two trimesters. The class meets Friday afternoons, 2 to 4.30. Applications should be sent to the Registrar not later than September 15. Fee, $50.00.

During March and April on Tuesdays, 2 to 4.30 p. m., a course (limited to ten) will be given in the diagnosis of uterine scrapings. Fee, $50.00. All pathological conditions of the cervix and body of the uterus that might be mistaken for cancer are discussed, and special consideration is given to the early diagnosis of cancer of the uterus. The methods of obtaining and examining pieces of uterine tissue are given in detail. Fee, $50.00.

PSYCHIATRY

Adolf Meyer, M. D., Professor of Psychiatry.
Henry J. Berkley, M. D., Clinical Professor of Psychiatry.
W. Rush Dunton, Jr., M. D., Instructor in Clinical Psychiatry.
Augusta R. Scott, M. D., Instructor in Psychiatry.
Esther L. Richards, M. D., Instructor in Psychiatry.
Trigant Burrow, M. D., Assistant in Clinical Psychiatry.
Ruth E. Fairbank, M. D., Assistant in Psychiatry.
Phyllis Greenacre, M. D., Assistant in Psychiatry.

Absent on Military Service:

Charles Macfie Campbell, M. D., Associate Professor of Psychiatry.
Charles Bagley, Jr., M. D., Associate in Experimental Neurology.
Stanley Cobb, M. D., Associate in Psychiatry and Physiology of the Nervous System.
Roscoe W. Hall, M. D., Instructor in Psychiatry.
Clarence A. Neymann, M. D., Instructor in Psychiatry.
Nathaniel H. Brush, M. D., Instructor in Psychiatry.

The following courses are offered:

1. Medical psychology. An extension of physiology and general pathology into the study of mental activities. The methods of psychological examination. Third trimester of the second year (Tuesday, 2-4 p. m.). Group work in the dispensary on assigned days, from 10 to 12. (*Required.*)

2. Psychopathology. Examination and differentiation of the psychopathological reaction-types. First trimester, third year. (Tuesdays and Thursdays, from 4.30 to 5.30 p. m.) (*Required.*)

3. Practical psychiatry (psychiatric nosology and special problems). An obligatory course of clinical demonstrations and of lectures during the second trimester of the fourth year. Wednesdays, 4.30 to 5.30, and Fridays, 4.30 to 5.30.

4. Weekly clinics and discussions for 3rd and 4th years, third trimester, Thursdays, 4.30 to 5.30. (Optional.)

No candidate is admitted to the final examination without evidence of having studied personally at least six mental cases with differential diagnosis under the supervision of the staff of the clinic, either in the dispensary or on the wards.

Elective Work

1. Elective clinics will be given by Dr. Henry J. Berkley to a class limited to twelve at the Bay View Asylum, on Saturdays from 3.30 to 5.30 p. m. during the first trimester of the fourth year; and by Dr. Dunton at the Sheppard and Enoch Pratt Hospital on Saturdays, 3.30 to 5.30 p. m., during the third trimester of the 3rd or 4th year.

2. Dispensary work, Monday, Tuesday, Wednesday, and Friday, 10-12. Open to third and fourth year students.

Each student will have the opportunity of personally examining and treating under supervision cases of incipient mental disorder. At the end of the hour there will be the presentation of one or two of the most instructive cases, or a review of the day's material so that each student will profit by the whole of the clinical material available.

3. Work on ward cases, partly in connection with the Thursday clinics.

4. Special laboratory work in general clinical laboratory methods, neuropathology and psychology (elective for second, third or fourth year).

Graduate Work

Post-graduate work is limited to physicians who will spend at least one trimester in work in the clinic and its laboratories.

OPHTHALMOLOGY

Samuel Theobald, M. D., Clinical Professor of Ophthalmology.
Robert L. Randolph, M. D., Associate Professor of Clinical Ophthalmology and Otology.
James J. Mills, M. D., Instructor in Clinical Ophthalmology.
Leo J. Goldbach, M. D., Instructor in Clinical Ophthalmology.

Absent on Military Service:

M. Randolph Kahn, M. D., Instructor in Clinical Ophthalmology.
Edward A. Looper, M. D., Assistant in Clinical Ophthalmology.

I. Daily clinics are given in the dispensary by Professors Theobald and Randolph. Each of the sub-sections into which the fourth-year class is divided attends these clinics for a half trimester. By this arrangement an opportunity is afforded each student to acquire a practical knowledge of eye diseases.

II. The major course in ophthalmology comprises, besides greater clinical advantages—including the privilege of attendance upon the clinics of Professor Theobald at the Baltimore Eye, Ear and Throat Charity Hospital—instruction in operative surgery of the eye, in the determination of errors of refraction, the optometric use of the ophthalmoscope and skiascopy.

III. Weekly lecture, Thursday, 3.30 to 4.30 p. m., through the year. Professor Theobald.

IV. During the third year a preparatory course in ophthalmoscopy is given by Dr. Mills.

DERMATOLOGY

T. Caspar Gilchrist, M. D., Clinical Professor of Dermatology.
J. Williams Lord, M. D., Clinical Professor of Dermatology.
Edgar R. Strobel, M. D., Associate in Clinical Dermatology.
Lloyd W. Ketron, M. D., Associate in Clinical Dermatology.
J. Scott Willock, M. D., Instructor in Clinical Dermatology.
Isaac R. Pels, M. D., Assistant in Clinical Dermatology.
Harry M. Robinson, M. D., Assistant in Clinical Dermatology.

Absent on Military Service:

J. Edward Gately, M. D., Assistant in Clinical Dermatology.

The instruction consists of the following elective courses offered to students in the fourth year:

Minor Course

I. Practical work in the dispensary, including clinical demonstrations, 2 to 3.30 p. m., on alternate days during one trimester.

II. Weekly clinical conferences on Tuesdays at 3.30 to 4.30 p. m.

III. A course in the pathology and bacteriology of the common cutaneous diseases on Tuesdays and Saturdays.

Major Course

I. Daily work in the dispensary from 2 to 4.30 p. m. through one trimester.

II. Weekly clinical conferences on Tuesdays, 3.30 to 4.30 p. m. throughout the year.

III. A course in the pathology and bacteriology of the common cutaneous diseases.

IV. Research work.

Graduate Work

An opportunity is given to obtain practical instruction in dermatology during the academic year.

I. Practical work in the dispensary, daily, 2 to 4 p. m., for one or more trimesters.

II. A course in the pathology and bacteriology of the common cutaneous diseases.

MEDICAL ZOÖLOGY

CHARLES WARDELL STILES, Ph. D., D. Sc., Lecturer on Medical Zoölogy and Professor of Zoölogy to the U. S. Public Health Service.

Instruction in Medical Zoölogy is given to students of the third and fourth years by Dr. Stiles. It consists of a course of twenty lectures on the medical relations of animals to man (animal parasites, animals as transmitters of disease, poisonous snakes, etc.); ten lectures are given each year, illustrated with numerous charts, lantern slides, and specimens, and supplemented by practical laboratory exercises in

studying both live and preserved parasites, examining meat for trichiniasis and in the diagnosis of various zoöparasitic diseases by microscopic examination of fæces. The parasites are studied from the standpoints of zoölogy, practical medicine, and public health.

HYGIENE AND EPIDEMIOLOGY

WILLIAM W. FORD, M. D., Lecturer in Hygiene.

The instruction in this subject is especially designed to acquaint the student with the mode of spread of the various infectious diseases, and with the fundamental principles which must be applied in their prevention. The different diseases are discussed in the various groups in which they may be classified, and particular examples in each group discussed in detail. The water-borne diseases are taken up with special reference to Asiatic cholera and typhoid fever, respiratory with reference to the pneumonias and epidemic meningitis, the insect-borne in connection with malaria and typhus fever, etc. In addition special lectures are devoted to sewage and sewage disposal, water supplies and water purification, milk and milk control. Throughout the course the historical aspect of the subject is especially emphasized. Third year class, third trimester, twice weekly.

INSTRUCTION IN ART AS APPLIED TO MEDICINE

MAX BROEDEL, Associate Professor of Art as applied to Medicine.

A. Courses for Medical Students

1). A course in drawing open to students of all four years, to research workers and to members of the faculty for one afternoon a week throughout the year. This course will be limited to 12 students. The work will first deal with

the exact study of the plastic representation of medical objects of all kinds. Later on this will lead to the study of diagrammatic drawings and sketches useful in taking medical histories or illustrating lectures with blackboard sketches. Lastly various techniques for making medical illustrations for publications will be taught.

2). Research workers who require pictorial representations of their research, will be taught the principles of making such drawings.

B. Courses for Artists and Art Students

1). Special instruction to medical illustrators who desire to take up advanced work in a particular branch. The fee will depend on the length of the course and the character of the instruction. Minimum fee, $25.00. Such courses may be taken at any time during the academic year.

2). A regular course for beginners. This course will continue during the entire day throughout the academic year. Applicants who are not graduates of an art school must submit samples of their work. The duration of the course of instruction will of necessity depend on the talent of the individual, the average term, however, not exceeding two years. The fee is $100.00 a year. Drawings of especial merit may be accepted and utilized by the department for publication and as a practical test of the artist's ability. Although such drawings become the property of the school, the student will receive several printed proofs after publication. All drawings and sketches not so honored will remain the property of the student.

The course will include:

a). Anatomical studies of the skeleton, muscles and viscera from the standpoint of the medical illustrator. Everything studied is sketched or drawn.

b.) Studies of fresh material at autopsies, combined with microscopic studies of the various tissues in health and dis-

ease. A number of accessory methods will be employed in studying fresh tissues.

c). Studies of hardened specimens from the various pathological collections, combined with the study of the texture of the individual structures of the body.

d). Based on the foregoing the student is ready to study the pictorial representation of physical examination, various kinds of treatment and the different steps in surgical operations.

e). Stress will be laid on the correct attitude of the medical illustrator toward problems in medical research and toward the conception of a medical illustration in general as an aid to the text and also as a work of art.

f). Parallel with and supplementing these studies, instruction will be given in the various techniques suitable for medical illustrations intended for publication. Namely:

1). Half-tone drawings in crayon, etc.—Mixed technique.
2). Water color painting.
3). Line drawings in pen and ink. Diagrams.
4). Charts for class demonstrations.

g). Studies of the various methods of reproduction from the standpoint of the illustrator.

3). A course of lectures with demonstrations; topographical studies with special reference to medical and surgical anatomy, will be given weekly during the year. This course is also open to art students.

HISTORY AND LITERATURE OF MEDICINE

The Historical Club meets once a month throughout the academic year in the medical amphitheatre of the Hospital. Old and rare or otherwise historically interesting books are exhibited and the history of medical doctrines, of epochs in medicine and of the lives and contributions to knowledge of

eminent men, and other themes pertaining to the history of medicine are considered. Many students avail themselves of the stimulating and educational advantages afforded by the meetings of this club.

SPECIAL LECTURES

From time to time, as opportunity offers, short courses of special lectures or demonstrations upon selected topics are given either by specially appointed lecturers or by members of the teaching staff.

SCHEDULES OF COURSES FOR THE SESSION OF 1918-1919

No alterations in the schedules are permitted unless authorized by the Medical Faculty.

SCHEDULE FOR THE

	Monday.	Tuesday.
First Trimester. (Oct. 1 to Dec. 21, incl.)	9-12. Anatomy I. 12-1.† Physiological Anatomy (Conference)	9-12. Anatomy I.
	2-5. Histology.	2-5.† Drawing as Applied to Medicine.
Second Trimester. (Jan. 3 to Mar. 15, incl.)	9-12 Anatomy II. 12-1.† Physiological Anatomy (Conference)	9-12. Anatomy II. 12-1. Physiology. (Conference).
	2-5. Histology and Organology.	2-3. Organology and Neurology (Lecture). 2-5.† Drawing as Applied to Medicine.
Third Trimester. Mar. 17 to May 31, incl.)	10.30-11.30. Physiol. Chem. Lecture. (A. and B). 12-1. Bacteriology. Recitation.	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.
	2-5. Bacteriology Laboratory.	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

FIRST YEAR, 1918-1919

Wednesday.	Thursday.	Friday.
9-12. Anatomy I.	9-12. Anatomy I.	9-12. Anatomy I.
2-5. Histology.	2-3. Histology (Lecture). 3-5.†	2-5. Histology.
9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).	9-12. Anatomy II. 12-1. Physiology (Lecture).
2-5. Histology and Organology.	2-3.† Special Histology. 2-5.†	2-3.† Medical Anatomy.
9-12. Bacteriology Laboratory. 12-1. Physiol. Chem. Lecture. (A. and B).	9-10. Physiology (Lecture). 10-1. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	9-12. Bacteriology 12-1. Physiol. Chem. (Lecture). (A. and B).
4-5. Bacteriology (Lecture).	2-5. Physiology (A) Laboratory. Physiol. Chem. (B) Laboratory.	4-5. Bacteriology (Lecture).

† Elective or advanced work may be obtained in the following subjects by arrangement with the instructors: Anatomy, Physiology, Physiological Chemistry, Pharmacology, Toxicology, Experimental Pathology and Hygiene.

	Monday.	Tuesday.
First Trimester. (Oct. 1 to Dec. 21, incl.)	9-10.† Study Room (Anatomy). 10-11. Pharmacology (Lecture). 11-12. Autopsies.* 12-1. Pathology (Recitation).	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).
	2-5. Pathology.	2-5. Physiology (B). Physiological Chemistry (A).
Second Trimester. (Jan. 3 to Mar. 15, incl.)	9-12.† Study Room (Anatomy). Topograph. Anat. 10-12. Autopsy Demonstrations. Group I. 10.30-11.30.† Autopsy Demonstration. Bay View. Group III. 12-1. Pharmacology (Lecture).	9-12.† Autopsies. Hygiene. Study Room (Anatomy). Topograph. Anat. 12-1. Pathology. (Recitation).
	2-5. Pathology.	2-5.† Drawing as Applied to Medicine. Toxicology. Principles of Immunity. (Lecture).
Third Trimester. (Mar. 17 to May 31, incl.)	9-10. Surgery (½ class). Dr. Homer. 10-12. (March 17-March 31.) Group I. Phys. Diag. Group II. Medicine. Group III. Psych. (Apr. 7-Apr. 28.) Group III. Phys. Diag. Group I. Medicine. Group II. Psych. (May 5-May 26.) Group II. Phys. Diag. Group III. Medicine. Group I. Psych. 12-1. Medical Clinic. Dr. Austrian.	9-10. Demonstration of Autopsy Material. 1st half Class—Path. Lab. 2nd half Class—Bay View. 10-12. (March 18-Apr. 1.) Group II. Phys. Diag. Group III. Medicine. Group I. Psych. (Apr. 8-Apr. 29.) Group I. Phys. Diag. Group II. Medicine. Group III. Psych. (May 6-May 27.) Group III. Phys. Diag. Group I. Medicine. Group II. Psych. 12-1. Surgical Clinic. Dr. Goetsch.
	2-3. Pharmacy (lecture). 3-5.† Practical Pharmacy.	2-4. Medical Psychology. Dr. Meyer.

Explanatory Note.—Elective courses are indicated by a dagger (†), all other courses are required.

To enter upon the clinical work in the third trimester of the second year, the student must have satisfactorily completed the required work in the first year and in the first two trimesters of the second year.

† Electives or advanced work may be obtained in the following subjects by arrange-

D YEAR, 1918-1919

DNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
)-10.† m (Anatomy). 10-11. macology ecture). 1-12. opsies.* 12-1. stration of Material (A). —Bay View.	9-10. Physiology (Lecture). 10-1. Physiology (B). Physiological Chemistry (A).	9-11.† Study Room (Anatomy). 11-12. Autopsies.* 12-1. Demonstration of Autopsy Material (B). Group A.—Bay View.	
2-5. thology	2-5. Physiology (B). Physiological Chemistry (A).	2-5. Pathology.	
-12.† m (Anatomy). aph. Anat. 0-12. Demonstration. oup II.)-11.30† emonstration. View. oup I. 2-1. macology cture).	9-12.† Autopsies. Hygiene. Study Room (Anatomy). Topograph. Anat. Experimental Pathology.	9-12.† Study Room (Anatomy). Topograph. Anat. 10-12. Autopsy Demonstration. Group III. 10.30-11.30† Autopsy Demonstration. Bay View. Group II. 12-1. Pharmacology (Lecture).	
3-5. nology.	2-5.† Experimental Pharmacology Principles of Immunity. (Lecture). Special Histology.	2-5. Pathology.	
-10. to Therapeutics ogical Lecture om). Macht.)-12. 19-Apr. 2.) Phys. Diag. Medicine. Psych. Apr. 30.) Phys. Diag. Medicine. Psych. May 28.) Phys. Diag. Medicine. Psych. 2-1. Clinic. ustrian.	9-10. Demonstration of Autopsy Material. 1st half Class—Bay View. 2nd half Class—Path. Lab. 10-12. (March 20-Apr. 3.) Group I. Phys. Diag. Group II. Medicine. Group III. Psych. (Apr. 10-May 1.) Group III. Phys. Diag. Group I. Medicine. Group II. Psych. (May 8-May 29.) Group II. Phys. Diag. Group III. Medicine. Group I. Psych. 12-1. Surgical Clinic. Dr. Davis.	9-10. Surgery. Recitation. 10-12. (March 21-Apr. 4.) Group II. Phys. Diag. Group III. Medicine. Group I. Psych. (Apr. 11-May 2.) Group I. Phys. Diag. Group II. Medicine. Group III. Psych. (May 9-May 30.) Group III. Phys. Diag. Group I. Medicine. Group II. Psych. 12-1. Physical Diagnosis. (Recitation). Dr. Austrian.	9-10. Surgery (½ class). Dr. Homer. 10-12. (March 22-Apr. 5.) Group III. Phys. Diag. Group I. Medicine. Group II. Psych. (Apr. 12-May 3.) Group II. Phys. Diag. Group III. Medicine. Group I. Psych. (May 10-May 31.) Group I. Phys. Diag. Group II. Medicine. Group III. Psych.
-3. atrics. -5. aboratory.	2-4. Physical Diagnosis. (Demonstration.) Dr. M. Clough.	3-4. Neurology.	

instructors: Anatomy, Physiology, Physiological Chemistry, Pharmacology, Toxicology, Experimental Hygiene.

according to special announcement. When material is ready the autopsies will be performed at this

o desire to take up or continue research work may be excused from the afternoon exercises of the Such students must be recommended by the respective instructors to the 3rd and 4th Year Committee.

MONDAY.	TUESDAY.	WEDNESDAY.
9-10. Obstetrics (Recitation).	9-10. First Half Year. Group I. Gynecology. Group II. Obstet'cs, Ward. Groups III. and IV. Obstetrics, recitation. Second Half Year. Group I. Obstet'cs, Ward. Group II. Gynecology. Groups III and IV. Obstetrics, recitation.	9-10. Surgery (Recitation). Drs. Goetsch and Grey.
First Half Year. 10-12. (Oct. 7-21.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Medical. Disp. Group IV. Neurol. Disp. (Oct. 28 to Nov. 18.) Group II. Surgical Disp. Group I. Phys. Diagnosis Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 25 to Dec. 16.) Group III. Surgical Disp. Group IV. Phys. Diagnosis Group I. Medical Disp. Group II. Neurol. Disp. (Jan. 6-27.) Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. Second Half Year. 10-12. (Feb. 3 to Mar. 24.) Group I. Surgical Disp. *Group II. Elective. Group III. Bay View. Group IV. Neurology. (Mar. 31 to May 26.) Group II. Surgical Disp. *Group I. Elective. Group.III. Bay View. Group IV. Neurol. Disp.	10-11. Gynecology. (Reciations two-thirds, Gynecological Pathology, one-third of year). 11-12 Neurology, Clinic or Recitation.	First Half Year. 10-12. (Oct. 2-23.) Group I. Surgical Disp. Group II. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Oct. 30 to Nov. 20.) Group II. Surgical Disp. Group I. Phys. Diagnosis. Group III. Medical Disp. Group IV. Neurol. Disp. (Nov. 27 to Dec. 18.) Group III. Surgical Disp. Group IV. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol. Disp. (Jan. 8-29.) Group IV. Surgical Disp. Group III. Phys. Diagnosis. Group I. Medical Disp. Group II. Neurol Disp. Second Half Year. 10-12. (Feb. 5 to Mar. 26.) Group I. Surgical Disp. *Group II. Elective. Group III. Neurology. Group IV. Bay View. (Apr. 2 to May 28.) Group II. Surgical Disp. *Group I. Elective. Group IV. Bay View. Group III. Neurol. Disp.
12-1. Medicine. Clinical Lecture.	12-1. Surgical Clinic.	12-1. Medicine. Clinical Lecture.
2-3 Clinical Miscroscopy. Recitation and Demonstrations. [1st, 2d and 3d Trimesters.] 3-4 Practical Therapeutics. Medical Amphitheatre. [1st, 2d and 3d Trimesters.]	2-4.30 Clinical Microscopy. [1st, 2d and 3d** Trimesters.] 4.30-5.30. Psycho-Pathology. [1st Trimesters.] 2-3. Hygiene and Legal Medicine. [3d Trimester.]	2-3 Surgical Pathology. Clinic and Demonstration. ELECTIVE. 3-4.30. Surgical Pathology. (Laboratory.) Group Work or special Work ½ to 1½ units. 3-5. Immunology and Special Bacteriology. Dr. Felton. 3-4.30. Operative Surgery. (Asssigned group.)
4-5. Surgery. (Recitation.) [3 Trimesters.]	4.30-5.30. Tuberculosis. (Lecture.) Dr. Krause. Jan. to Mar. 15.	4.30-5.30. Medicine. (Recitation.)

Unless otherwise indicated, courses extend throughout year, and are obligatory.
Students must take 1½ units of work during the year in these or other elective courses during these hours.
Open Elective Courses, 2 days a week, 8 weeks, 10 to 12 m. equals 32 hours = ½ Unit.

THIRD YEAR, 1918-1919

THURSDAY.

9-10.
First Half Year.
Group I and II. Obstetrics. recitation.
Group III. Gynecology.
Group IV. Obstet'cs, Ward.
Second Half Year.
Group I and II. Obstetrics. recitation.
Group III. Obstet'cs. Ward.
Group IV. Gynecology.

First Half Year.
10-12.
(Oct. 3-24.)
Group I. Surgical Disp.
Group II. Phys. Diagnosis.
Group III. Neurol. Disp.
Group IV. Medical Disp.
(Oct. 31 to Nov. 21.)
Group II. Surgical Disp.
Group I. Phys. Diagnosis.
Group III. Neurol. Disp.
Group IV. Medical Disp.
(Dec. 5-19.)
Group III. Surgical Disp.
Group IV. Phys. Diagnosis.
Group I. Neurol. Disp.
Group II. Medical Disp.
(Jan. 9-30.)
Group IV. Surgical Disp.
Group III. Phys. Diagnosis.
Group I. Neurol. Disp.
Group II. Medical Disp.

Second Half Year.
10-12.
(Feb. 6 to Mar. 27)
Group III. Surgical Disp.
*Group IV. Elective.
Group I. Bay View.
Group II. Neurology.
(Apr. 3 to May 29.)
Group IV. Surgical Disp.
*Group III. Elective.
Group I. Bay View.
Group II. Neurol. Disp.

12-1.
Medical Clinic.
Dr. Futcher.

2-4.30.
Clinical Microscopy.
[1st, 2d and 3d** Trimesters.]
2-3.
Hygiene
and Legal Medicine
(Lecture.)
[3d Trimester.]

4.30-5.30.
Psychiatry.
Clinical Demonstrations.
1st Tri.—Required.
2d and 3d Tri.—Elective.

4.30-5.30.
Medical Zoology.
Jan. 1 to Mar. 15.

FRIDAY.

9-10.
Physical Diagnosis.
(Recitation).
Dr. Futcher.
(1st and 2nd trimesters)

Therapeutics.
(Recitation).
Dr. Bloomfield).
(3rd trimester).

10-12.
Surgical Clinic.
Dr. Follis.

12-1.
Surgical Clinic.
(3rd and 4th years.)
Dr. Halsted.
Nervous Diseases.
(Recitation.)
After April 1.

ELECTIVE.
Operative Surgery, in Groups=1 unit.
(Repeated each trimester.)
2-4.30.
Surgical Pathology (year) = 1½ unit.
Obstet. Pathology.
1 Tri. = ½ unit.
(Repeated first and second Trimesters.)
Medicine (year=1 unit.)
(Repeated each Trimester.)
3.30-5.30.
Tuberculosis Clinic.
Bay View.
[3d Trimester.]
3.30-5.30.
Surgical Diagnosis.
Bay View.
[3d Trimester.]
2-5.
Immunology and Special Bacteriology.
Dr. Felton.
Practical Serology.
Dr. Neymann.
4.30-5.30.
Cardiac Arrhythmias.
Dr. Carter.
2nd Trimester.

SATURDAY.

9-10.
Obstetrics.
(Recitation).

First Half Year.
10-12.
(Oct. 5-26.)
Group I. Surgical Disp.
Group II. Phys. Diagnosis.
Group III. Neurol. Disp.
Group IV. Medical Disp.
(Nov. 2-23.)
Group II. Surgical Disp.
Group I. Phys. Diagnosis.
Group III. Neurol. Disp.
Group IV. Medical Disp.
(Dec. 7 to Dec. 14.)
Group III. Surgical Disp.
Group IV. Phys. Diagnosis.
Group I. Neurol. Disp.
Group II. Medical Disp.
(Jan. 4 to Feb. 1.)
Group IV. Surgical Disp.
Group III. Phys. Diagnosis.
Group I. Neurol. Disp.
Group II. Medical Disp.

Second Half Year.
10-12.
(Feb. 8 to Mar. 29.)
Group III. Surgical Disp.
*Group IV. Elective.
Group I. Neurology.
Group II. Bay View.
(Apr. 5 to May 31.)
Group IV. Surgical Disp.
*Group III. Elective.
Group II. Bay View.
Group I. Neurol. Disp.

12-1.
Medical Clinic.
(3rd and 4th years.)
Medical Amphitheatre.
Dr. Hamman.
(1st and 2d Trimesters.)
Dr. Barker.
(3d Trimester.)

2-4.
Laryngoscopy
In groups.

4 p. m.
Ophthalmoscopy
In groups.

* Electives in Medicine (Tuberculosis and Gastro-Intestinal Diseases, and Medical Dispensary, Feb. 3-Mar. 24), and in other subjects to be announced are offered during the third trimester.

** Clinical Microscopy at 3 to 5.30 p. m. (REQUIRED), 3rd trimester, instead of 2 p. m.

SCHEDULE FOR THE FOURTH YEAR, 1918-1919

Medical Section, including Pediatrics, Wednesday and Saturday.....10.30-12
Surgical Section.....
Elective Section.....

MEDICAL SECTION. Medical Wards and Laboratories, 8.30 A. M. to 12 M., and 2 to 4.30 P. M. = 6 units.
SURGICAL SECTION. Surgical Wards, Ward Visits, Operating Room and Laboratories (entire Section), 9 A. M. to 12 M. = 3 units. Recitation, Friday, 9 A. M.

12 - 1 LECTURES

	MONDAY.	TUESDAY.	WEDNESDAY.
First Trimester. October to Christmas.	(*a*) Diseases of Children. Dr. Knox. (*b*) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference Drs. Hamman and MacCallum.
Second Trimester. January to March 15.	(*a*) Diseases of Children. Dr. Howland. (*b*) Dr. Geraghty.	Advanced Medical Clinic. Dr. Barker.	Clinical Pathological Conference. Drs. Hamman and MacCallum.
Third Trimester. March 15 to June.	(*a*) Dr. Howland. (*b*) Dr. Geraghty.	Minor Ailments. Dr. Hamburger.	Clin. Path. Conf. Drs. Hamman and MacCallum. Medical Ethics. (2 lectures).

The courses on Tuesday, Wednesday, Friday and Saturday are obligatory, and continue throughout the year. Those on other days are elective and arranged in Trimesters, but every student must choose one of them for each day and pursue same for entire Trimester.

Medical Zoology, Thursday,

ELECTIVE

MORNINGS

Medical Research,	daily 9-12 = 3 U.
Surgery (Major), Dr. Halsted and Staff,	daily 9-12 = 3 U.
Rectal Surgery, Monday, Wednesday and Friday,	9-12 = 1½ U.
Plastic Surgery, Tuesday, Thursday, and Saturday. Dr. Davis,	9-12 = 1½ U.
Surgical Diagnosis and Pathology. Dr. Bloodgood. 12 students. Wednesday and Friday,	8-9 = ½ to 1 U.
Surgical Diagnosis and Pathology. Special Work. Dr. Bloodgood,	daily = ½ to 1½ U.
Gynecology, Monday, Wednesday and Saturday, 10 students. Drs. Kelly, Cullen and Resident,	9-12 = 1½ U.
Obstetrics, Tuesday, Thursday and Friday, 10 students. Dr. Williams and Staff,	9-12 = 1½ to 2½ U.
Children's Diseases (Major). Dr. Howland and Staff. Limited to 7,	daily 9-12 = 3 U.
Gento-Urinary (Major). Dr. Geraghty,	daily 9-12 = 3 U.
Research in Urology. Dr. Geraghty and Staff,	
Psychiatry (Major). Dr. Meyer and Staff,	9-12 = 3 U.
Psychiatry (Dispensary). Daily except Thursday,	10-12 = 3 U.
Research, other departments,	daily 9-12 = 3 U.
Neurology (Minor). Dr. Thomas,	daily 10-11 = 1 U.
Tuberculosis: Advanced Course. (2d. Tri.), 4 times weekly. Drs. Krause, Miller, Austrian and Lange,	10-12 = 1⅔ U.
Gastro-Intestinal. Dr. Brown. Feb.-June, Monday and Wednesday.	10-12 = ⅔ U.
Drawing as Applied to Medicine. Mr. Broedel,	Tuesday, 1.30-5 = ½ U.

AFTERNOONS

Ophthalmology (Major). Dr. Theobald, Dr. Randolph and Staff.	daily 2-4.30 = 2½ U.
Orthopedics, Tuesday, Thursday and Saturday, limited to 14 students. Dr. Bennett,	2-3.30 = 1 U.
Genito-Urinary (Minor, 3 times weekly for 1 Tri.). Drs. Bennett, Geraghty and Frontz,	daily 2-3.30 = 1 U.
Dermatology (Major). Drs. Gilchrist and Lord (limited to 1'	daily 2-4.30 = 2½ U.
Dermatology (Minor, 3 times weekly for 1 Tri.). Drs. Gilchrist and Lord,	daily 2-3.30 = 1 U.
Laryngology (Major). Dr. Crowe and Staff,	daily 2-3.30 = 2½ U.
Laryngology (Minor, 3 times weekly for 1 Tri.), Monday, Wednesday and Friday. Dr. Crowe and Staff,	daily 2-3.30 = 1 U.
Syphilis (Minor), 3 times weekly. Dr. Keidel,	2-3.30 = 1 U.

All courses extend over one ,Tri

Students must take 18 units during the year:

Medicine,	6 units.
Surgery,	3 "
Obligatory afternoon exercises,	1 "
2 Specialties (Ophthalmology and Pract. Bacteriology).	2 "
6 Elective Units,	6 "
	18 units.

Units or Minor Course equals 66 hours, or 6 hours a week for 1 Trimester; 2 hours a week for 1 year.

1st. Trimester October to Christmas.	2nd Trimester. January to March 15.	3rd Trimester. March 15 to June.
Group I.	Group III.	Group II.
Group II.	Group I.	Group III.
Group III.	Group II.	Group I.

Ophthalmology (3 times weekly for 1 Trimester), 2-3.30 P. M.=1 unit.
Required course in Practical Bacteriology (3 times weekly for 1 Trimester).
Elective Section. Elective Courses, mornings, 9-12, and afternoons, 2-4.30.

AND CLINICS

Thursday.	Friday.	Saturday.
(a) Orthopedics. Dr. Bennett. (b) Pathology of Genito-Urinary Tract. Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Hamman.
(a) Dr. Bennett. (b) Dr. Geraghty.	Surgical Clinic. Dr. Halsted.	Medical Clinic. Dr. Hamman.
(a) Dr. Bennett. (b) Dr. Geraghty.	Surgical Clinic. Dr. Halsted. After April 1. Digestive Diseases. Dr. Brown.	Medical Clinic. Dr. Barker.

Courses may be pursued for entire year or changed each Trimester. Attendance on three of these elective courses for one Trimester = ½ unit.

4.30 to 5.30. 2nd Trimester.

COURSES

Bronchoscopy and Oesophagoscopy. For elective groups only. (Hunterian Lab.), Tuesday,	3-5 =	⅓ U.
Obstetrical Pathology. Dr. Williams and Staff (Repeated two Tri.). Friday,	2-4.30 =	½ U.
Gynecological Dispensary. Drs. Richardson and Resident, daily, 1 Tri., sections of two students each day,	2-4 =	⅓ U.
Gynecological Pathology (Repeated three Trimesters). Drs. Cullen, Casler and Novak,	2-4.30 =	½ U.
Cystoscopy. Drs. Hunner and Resident, Tuesday, Thursday, and Saturday. ½ Trimester (limited to 3 students),	2.30-4.30 =	⅓ U.
Psychiatry, Clin. demonstrations, 3d Tri., Thursday,	4.30-5.30 =	⅙ U.
Psychiatry. Dr. Berkley. 1st Trimester, Saturday,	3.30-5.30 =	⅓ U.
Psychiatry, laboratory work as arranged,		
Psychiatric Clinic, Saturday, Sheppard Pratt Hosp. Dr. Dunton. 3rd Tri.,	3.30-5.30 =	⅓ U.
Medical Research, daily,	2-4.30 =	2½ U.
Research in other departments, daily,	2-4.30 =	2½ U.
Experimental Pathology (Minor). Dr. MacCallum, twice weekly,	2-4.30 =	½ U.
Immunology and Special Bacteriology. Dr. Felton. Wednesday and Friday, 2d Tri.,	2-5 =	½ U.
Practical Serology, Friday,	2-5 =	½ U.
Lectures		
Genito-Urinary. Dr. Geraghty, Monday,	3.30-4.30 =	⅙ U.
Dermatology. Dr. Gilchrist. (Conference), Tuesday,	3.30-4.30 =	⅙ U.
Syphilis. Dr. Keidel, Thursday,	4-5 =	⅙ U.
Psychiatric Clinics. Jan. to Mar 15. Dr. Meyer, Wednesday (required),	4.30-5.30	
Psychiatry (11 lectures), 2d Trimester, (Required), Friday,	4.30-5.30 =	⅙ U.
Laryngology. Dr. Crowe, Wednesday,	3.30-4.30 =	⅙ U.
Gynecology. Dr. Kelly or Staff, Monday,	4.30-5.30 =	⅙ U.
Cardiac Arrhythmias. 2d Trimester. Dr. Carter, Friday,	4.30-5.30 =	⅙ U.
Medical Bacteriology. Drs. P. W. and M. C. Clough. 1st Trimester,		
Ophthalmology. Dr. Theobald, Thursday,	4.30 =	⅙ U.
Hospital Interneships. (One lecture). Dr. Smith. Monday, December 16,	3.30-4.30 =	⅙ U.

mester, unless otherwise stated.

SUMMARY OF THE WORK.

Medical Group.	Wards, etc.,	8.30-12
	Lecture or Clinic,	12-1
	Wards, etc.,	2-4.30
Surgical Group.	Wards,	9-12
	Lecture or Clinic,	12-1
	Ophthalmology,	2-3.30
	Pract. Bacteriology,	2-4.30
Elective Group.	Elective Work,	9-12
	Lecture or Clinic,	12-1
	Elective Specialties,	2-4.30

(Groups alternate each Trimester.)

APPENDIX

APPENDIX

I

ENDOWMENT

The founder of the Johns Hopkins University, in devoting his large fortune to the establishment of the University and the Hospital, had in view the organization of a school of medicine. In his letter addressed to the Trustees of the Hospital, dated March 10, 1873, these significant words occur:

"It will be your especial duty to secure, for the service of the Hospital, surgeons and physicians of the highest character and greatest skill. . . . In all your arrangements in relation to this Hospital, you will bear constantly in mind that it is my wish and purpose that the institution shall ultimately form a part of the Medical School of the University for which I have made ample provision in my will."

When the University was opened in 1876, arrangements were made for instruction in those sciences such as physics, chemistry, and biology, which lead up naturally to the professional study of Medicine. In 1884 the professorship of pathology was filled and the pathological laboratory was opened. In 1889 the Johns Hopkins Hospital was opened, and the physician, surgeon, and gynecologist in chief to the Hospital were appointed to the professorships, respectively, of medicine, surgery, and gynecology and obstetrics. At the same time the professor of psychiatry was appointed. Opportunities for instruction were afforded to graduates in medicine. Ampler endowment however, was needed to complete the organization of a medical department.

Gifts amounting to $111,731.68, most of which were offered to this University in October, 1890, by a committee of women, and an additional gift of $306,977, offered to the University in December, 1892, in addition to her previous subscriptions, by Miss Mary Elizabeth Garrett, made up, with other available resources, the amount of $500,000, which had been agreed upon by the Trustees as the minimum sum to be secured for the opening of the Medical Department. These generous contributions were made upon condition that women be received upon the same terms as men.

This endowment, added to the available resources of the Johns Hopkins University and the Johns Hopkins Hospital, enabled the

Trustees to complete the organization of the Medical Department and to open it for instruction in 1893.

II

THE WOMEN'S MEDICAL SCHOOL FUND

At a meeting of the Board of Trustees of the University, October 28, 1890, the following letter was presented.

"The committee formed for the purpose of raising a fund to procure the most advanced medical education for women, can now place at your disposal the sum of one hundred thousand dollars for the use of your Medical School, if you will, by resolution, agree that women whose previous training has been equivalent to your preliminary medical course, shall be admitted to the school, when it shall open, upon the same terms which may be prescribed for men. There can be no doubt that women ought to be trained to act as nurses for sick women. There is as little doubt that a sufficient number of women ought to be educated and trained in such manner as to be fully able to care for sick women who may wish or ought to be treated by women. We have devoted ourselves to the furtherance of this object. We have reason to hope that a university which proposes to found a medical school intended to teach advanced methods in the treatment of those diseases which affect mankind, will not refuse to women the opportunity of learning such methods. There is now a general interest in our movement. In order that this interest may be sustained, we ask you to consider our offer at the earliest possible period.

NANCY MORRIS DAVIS,
Chairman of the Baltimore Committee."

The following minute was adopted by the Trustees.

The President and Board of Trustees of the Johns Hopkins University have received from Mrs. Nancy Morris Davis, chairman of one of the committees formed for the purpose of raising a fund to procure the most advanced medical education for women, the gratifying intelligence that $100,000 has been raised for the use of their intended Medical School, and is at their disposal, if they will, by resolution, agree to the terms upon which the money was contributed by its donors.

The terms are that this Board, if it accepts the funds thus raised, shall agree, by resolution, that, when its Medical School shall be

opened, women whose training has been equivalent to the preliminary medical course prescribed for men, shall be admitted in such school upon the same terms as may be prescribed for men.

The offer to this University of the particular fund is the free, voluntary act of women residing in this State and in other States, made without the suggestion or solicitation of this Board, and we accept it under and subject to the terms which are made a part of the gift, with the understanding and declaration, however, that such preliminary training in all its parts be obtained in some other institution of learning devoted, in whole or in part, to the education of women, or by private tuition.

The fund so contributed shall be invested and known as "The Women's Medical School Fund," and that fund, and all interest to accrue thereon and all additions made thereto for the same purpose, shall remain invested for the purpose of increase only until, with its aid as a foundation, a general fund has been accumulated amounting to not less than $500,000, and sufficient for the establishment and maintenance of a Medical School worthy of the reputation of this University, and fully sufficient as a means of complete medical education. Then, and not until then, will a Medical School be opened by this University; and then, and not until then, will the gift now offered be used by this University; and then, and not until then, will the terms attached thereto be operative.

The utility of a training school for women nurses has been demonstrated by the experience and practice of the Johns Hopkins Hospital, and by the necessities of home life among our people.

This Board is satisfied that in hospital practice among women, in penal institutions in which women are prisoners, in charitable institutions in which women are cared for, and in private life, when women are to be attended, there are a need and place for learned and capable women physicians; and that it is the business and duty of this Board, when it is supplied with the necessary means for opening its proposed Medical School, to make provision for the training and full qualification of such women for the abundant work which awaits them in these wide fields of usefulness.

Nothing contained in this minute shall be construed as abridging, in any manner, the right of the Board of Trustees of the Johns Hopkins University to make such rules and regulations as they may deem necessary for the government of the School of Medicine, when it is organized; and in making such rules and regulations the terms of this minute shall always be respected and observed.

III

THE MARY ELIZABETH GARRETT FUND *

TERMS OF THE GIFT, AS ACCEPTED BY THE TRUSTEES, FEBRUARY, 21, 1893.

Miss Mary Elizabeth Garrett, in order to make up the sum of $500,000, which the Board of Trustees required should be secured as an endowment before the Medical School of the University was opened, has contributed to that fund the sum of $306,977, upon the following terms, which have been agreed to by the University:

1. That women shall enjoy all the advantages of the Medical School of the Johns Hopkins University on the same terms as men, and shall be admitted on the same terms as men to all the prizes, dignities or honors that are awarded by competition, examination, or regarded as rewards of merit.

2. That not more than $50,000 of the original endowment of $500,000 shall be expended on a building or buildings; and that in memory of the contributions of the Committees of the Women's Medical School Fund, this building, if there be but one, or the chief building, if there be more than one, shall be known as the Women's Fund Memorial Building.

3. That the Medical School of the University shall be exclusively a graduate school as hereinafter explained, that is to say: That the Medical School of the Johns Hopkins University shall form an integral part of the Johns Hopkins University, and, like other departments of the University, shall be under the management and control of the Trustees of the said University, that it shall provide a four years' course, leading to the degree of Doctor of Medicine; that there shall be admitted to the school those students only who, by examination or by other tests equally satisfactory to the Faculty of the Medical School (no distinction being made in these tests or examinations between men and women), have proved that they have completed the studies included in the Preliminary Medical Course (Group Three, Chemical-Biological Course), as laid down in the University Register (but this condition is not meant to restrict the Trustees from receiving as hearers, but not as candidates for the degree of Doctor of Medicine, those who have received the degree of Doctor of Medicine, or its equivalent, in some school of good repute); and that the degree of Doctor of Medicine of the Johns Hopkins University shall be given to no Doctor of Medicine who have not proved by examination or by other tests equally satis-

* So designated by the Trustees, September 24, 1892.

factory to the Faculty of the Medical School that they have completed the studies included in the Preliminary Courses, besides completing the course of instruction of the Medical School of the Johns Hopkins University.

The aforegoing provision shall not be construed as restricting the liberty of the University to make such changes in the requirements for the admission to the Medical School of the Johns Hopkins University or to accept such equivalents for the studies required for admission to this school as shall not lower the standard of admission specified in this clause; provided that the requirements in modern languages other than English shall not be diminished, and provided also that the requirements in non-medical sicentific studies shall include at least as much knowledge of natural science as is imparted in the three minor courses in science now laid down in its university register, the subjects and arrangements of these scientific studies being subject to such modifications as may from time to time seem wise to its Board and to the Faculty of the Medical School, but being at all times the same for all candidates for admission. (For such requirements always see University Register.)

4. That the terms of this gift and the resolutions of October 28, 1890, by which the Trustees accepted the gift of the Women's Medical School Fund, shall be printed each year in whatever annual calendars may be issued announcing the courses of the Medical School. (See appended resolutions.)

5. That there shall be created a committee of six women to whom the women studying in the Medical School may apply for advice concerning lodging and other practical matters, and that all questions concerning the personal character of women applying for admission to the School and all non-academic questions of discipline affecting the women studying in the Medical School shall be referred to this committee, and by them be in writing reported for action to the authorities of the University; that the members of this committee shall be members for life; that the committee, when once formed shall be self-nominating, its nominations of new members to fill such vacancies as may occur being subject always to the approval of the Board of Trustees of the University.

6. That in the event of any violation of any or all of the aforesaid stipulations, the said sum of $306,977 shall revert to her, or such person or persons, institution or institutions, as she by testament or otherwise may hereafter appoint.

It will be observed that by the tenor of the aforegoing terms no university course will be in any way modified by any conditions attached to her gift. These conditions relate exclusively to preparation for the Medical School, and have received, in the shape in

which they are now presented the unanimous approval of the Medical Faculty of the University.

The terms of admission to the Medical School of the University, as formulated and interpreted by the Medical Faculty of the University, February 4, 1893, and here subjoined, are therefore in entire accordance with the terms of her gift.

(Signed) MARY E. GARRETT.

REQUIREMENTS FOR ADMISSION TO THE MEDICAL SCHOOL OF THE JOHNS HOPKINS UNIVERSITY, UNANIMOUSLY APPROVED BY THE MEDICAL FACULTY, FEBRUARY 4, 1893.

A course of four years' instruction will be provided leading to the degree of Doctor of Medicine.

To this course there will be admitted as candidates for the degree:

1. Those who have satisfactorily completed the Chemical-Biological course which leads to the A. B. degree in the University.

2. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) That they have a good reading knowledge of French and German; (*b*) That they have such knowledge of physics, chemistry and biology as is imparted by the regular minor courses given in these subjects in this University.

3. Those who give evidence by examination that they possess the general education implied by a degree in arts or in science from an approved college or scientific school, and the knowledge of French, German, physics, chemistry and biology already indicated.

By approved colleges and scientific schools are meant those whose standard for graduation shall be considered by this University as essentially equivalent to its standard for graduation in the undergraduate department.

It is to be understood that at least one year's study in the Chemical and Biological Sciences in their intermediate relation to medicine shall be required from students after their entrance to the Medical School.

WOMEN'S COMMITTEE OF MEDICAL SCHOOL

MRS. WILLIAM H. HOWELL,
MISS M. CAREY THOMAS,
MRS. ADOLF MEYER,
MRS. HOWARD A. KELLY,
MRS. HENRY M. THOMAS.

Their duties are stated in paragraph 5 of the letter printed above.

IV

THE BAXLEY PROFESSORSHIP

By the will of Dr. Henry Willis Baxley, of Baltimore, who died March 13, 1876, a sum of money, amounting to $23,836.52, was received by the Trustees of the University to endow any medical professorship that they might think proper. This fund was kept intact, and was invested by the Trustees with the purpose of allowing it to accumulate until it had reached a sum more adequate to carrying out the desire of the founder. In March, 1901, upon the request of the President and the Medical Faculty, the Board of Trustees of the University directed that this fund shall be set apart to endow the Professorship of Pathology in the University, which shall hereafter be known as the Baxley Professorship of Pathology.

V

THE HERTER LECTURESHIP

In November, 1902, Dr. and Mrs. Christian A. Herter, of New York, offered to the Medical Department of the Johns Hopkins University the sum of $25,000 "for the formation of a memorial lectureship designed to promote a more intimate knowledge of the researches of foreign investigators in the realm of medical science." This gift was accepted by the Trustees of the University November 3, 1902. According to the terms of the gift, some eminent worker in Physiology or Pathology is to be asked each year to deliver a lecture at the Johns Hopkins University upon a subject with which he has been identified. The selection of a lecturer is to be left to a committee representing the departments of pathology, physiological chemistry and clinical medicine, and if "in the judgment of the committee it should ultimately appear desirable to open the proposed lectureship to leaders in medical research in this country there should be no bar to so doing." The committee named for this purpose consists of Drs. Welch, Abel and Janeway.

LECTURERS ON THIS FOUNDATION

Professor Paul Ehrlich, of Frankfort.
Professor Hans H. Meyer, of Vienna.
Professor Sir Almroth E. Wright, of London.
Professor Sir Edward E. Shäfer, of Edinburgh.
Professor Hans Chiari, of Strassburg.
Professor Albrecht Kossel, of Heidelberg.
Professor George F. Nuttall, of Cambridge, England.
Professor Thomas Lewis, University College Hospital Medical School.
Professor Theobald Smith, of the Rockefeller Institute for Medical Research.

VI

THE ENDOWMENT OF THE JOHNS HOPKINS HOSPITAL

The intimate connection between the Medical School and the Johns Hopkins Hospital renders it proper to mention the facilities of the Hospital as an important adjunct to the endowment of the Medical School. By the letter of instruction of the founder, it was provided that the Johns Hopkins Hospital should furnish clinical facilities for the Medical School. In the purchase of the site of the Hospital, the location and arrangement of buildings, the construction of the apparatus for heating and ventilation and all other hygienic appliances, the purpose of medical instruction was constantly borne in mind. The original buildings and grounds of the Hospital, not including the Harriet Lane Home, the Phipps Psychiatric Clinic, the Marburg building, and the Brady Urological Institute and other buildings, have cost upwards of two millions of dollars. Upon the hospital grounds have been erected various buildings, which furnish ample facilities for the accommodation of 600 in-patients and many thousand out-patients, as well as a pathological laboratory, with a large autopsy amphitheatre. These buildings also provide class-rooms in connection with the out-patient department, a large clinical laboratory, a surgical building with five operating rooms, as well as rooms for the study of surgical pathology, clinic rooms, several lecture rooms, and a clinical amphitheatre, all equipped with ample apparatus for the instruction of students. The administration building furnishes accommodation for a medical staff of over fifty persons. It also has a large library and reading rooms.

VII

THE ENDOWMENT OF THE CLINICAL LABORATORY

An endowment, which benefits the Medical School through the Hospital, has been a fund of $10,000 to build and equip a clinical laboratory upon the Hospital grounds for the use of medical students. This laboratory permits each student in the third and fourth years to have a place for clinical work, including microscopes and reagents, the use of a dark room, access to polariscopes and other instruments. It also contains rooms for special study and research.

VIII

THE FUND FOR THE STUDY OF TUBERCULOSIS

This endowment for the study of tuberculosis has been placed in the hands of the Hospital Trustees for the study of the conditions of tubercular diseases in Baltimore. Through the funds afforded it has been practicable to employ a medical graduate to follow cases of tuberculosis and to watch the effects of methods of treatment; also to secure the services of medical students and nurses to visit the homes of tubercular patients and to give instruction as to the better care of the victims of the disease. By means of this fund facilities are further afforded to students to study tubercular cases that come to the out-patient department of the Hospital.

IX

THE PHIPPS FUND FOR THE STUDY OF TUBERCULOSIS

Through the liberality of Mr. Henry Phipps, a fund of $20,000 has been given to the Hospital for the erection of a separate building in connection with the out-patient department, for the special study of tuberculosis. In this building rooms are arranged for the examination and treatment of patients, for a special library on tuberculosis, and for the laboratory study of the disease. The facilities thus afforded give exceptional opportunities for the study of all forms of tuberculosis.

X

THE PHIPPS PSYCHIATRIC CLINIC

In a letter to the Trustees of the Johns Hopkins Hospital, June 12, 1908, Mr. Henry Phipps, of New York, offered the funds necessary for the erection of a psychiatric hospital, on the grounds of the Johns Hopkins Hospital, to accommodate about eighty patients and to contain the necessary laboratory equipment, hydro-therapeutic apparatus and other modern facilities for treatment. He offered, moreover, to the Trustees of the Johns Hopkins University, additional funds for the establishment of a department of psychiatry for a period of ten years from the opening of the clinic. This

generous offer was accepted by the Trustees of the University and Hospital. The building was opened with impressive ceremonies in April, 1913, and affords unsurpassed facilities.

XI

THE HARRIET LANE HOME FOR INVALID CHILDREN

By her last will, Mrs. Harriet Lane Johnston, of Washington, D. C., left a sum of over $400,000 to establish in Baltimore The Harriet Lane Home for Invalid Children as a memorial of two sons who had died in childhood. In order to give this Home the largest usefulness, its Trustees decided to erect it upon the grounds of the Johns Hopkins Hospital and to open its wards for the instruction of physicians and nurses in the diseases of children. The building, which accommodates 100 children, was opened in October, 1912, and affords facilities for the study of the diseases of children, including those of an infectious nature.

XII

THE JAMES BUCHANAN BRADY UROLOGICAL INSTITUTE

In October, 1912, Mr. James Buchanan Brady of New York offered to the Trustees of the Johns Hopkins Hospital funds sufficient for the erection and maintenance of a special building for the care of 60 patients suffering from genito-urinary disorders. This generous offer was accepted, and the building which was opened in October, 1914, is designated as the James Buchanan Brady Urological Institute. It offers exceptional facilities for the treatment of patients, the advancement of knowledge, and the instruction of physicians and students.

XIII

THE WILLIAM H. WELCH FUND FOR CLINICAL EDUCATION AND RESEARCH

In response to the request of the Trustees of the Johns Hopkins University for funds to enable it to place the departments of Medicine, Surgery and Pediatrics upon the full University basis, the

General Education Board, in October, 1913, contributed the sum of one and one-half million dollars, as announced in the following letter:—

Dr. William H. Welch,
Chairman of the Administrative Committee,
Johns Hopkins University, Baltimore.

Dear Dr. Welch:

At a meeting of the General Education Board, held October 23, 1913, your application on behalf of the Johns Hopkins Medical School was presented for consideration. After full discussion the following resolutions were unanimously passed.

"Resolved, That the General Education Board hereby agrees to appropriate the funds necessary to carry out the full-time scheme described in Dr. Welch's letter under date of October 21, 1913, and empowers the Finance Committee to take the necessary steps looking to the execution of this agreement.

"Resolved, That, in view of Dr. Welch's great services to the cause of medical education in America, the fund appropriated as above be called "The William H. Welch Endowment for Clinical Education and Research."

With great respect, I am,
Faithfully yours,
(Signed) WILLIAM BUTTRICK.

October 29, 1913.

In May, 1917, this fund was increased by an additional gift of $350,000.

XIV

THE KENNETH DOWS TUBERCULOSIS RESEARCH FUND

Through the generosity of Mr. Kenneth Dows, a sum not to exceed $17,500 a year, has been guaranteed to the Trustees of the University and the Hospital for five years, beginning September 1, 1916, for the maintenance of laboratory studies of tuberculosis and the extension of the activities of the Tuberculosis Dispensary. He has also given the sum of $17,500 for the provision of the increased laboratory facilities required. Unusual advantages for the teaching and investigation of tuberculosis are thus made available.

XV

SCHOOL OF HYGIENE AND PUBLIC HEALTH

On June 12, 1916, the Rockefeller Foundation decided to establish a School of Hygiene and Public Health at the Johns Hopkins University, "largely by reason of the facilities, organization and ideals of its Medical School." No fixed endowment was voted, but the Rockefeller Foundation promises to furnish the funds for the development of the School on the understanding that its organization and control are undertaken by the Johns Hopkins University. In accordance with this agreement a suitable lot of ground has been purchased adjacent to the Medical School and the Hospital, and plans for a building for the laboratories have been completed. War conditions interfered with the immediate construction of the building. Meanwhile the laboratory at 312 West Monument St. formerly occupied by the Physical Department of the University was renovated and thoroughly equipped for the use of the School. Instruction began October 1st, 1918.

CATALOGUE OF STUDENTS

A—List of Candidates for the degree of M. D.

B—Geographical distribution of Students, etc.

C—List of Physicians attending Graduate Courses

STUDENTS, 1918-1919

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

First Year

ROBERT STRAHL ANDREWS. Hampton, Iowa. 1028 *N. Bdway.*
S. B., Grinnell College, 1916; Graduate Student, Johns Hopkins University, 1917-18.

WILLIAM WIESS BELFORD. Georgetown, Texas. 1613 *E. Biddle St.*
A. B., Southwestern University, 1918.

ARTHUR HENDLEY BLAKEMORE. Senora, Va. 120 *Jackson Pl.*
S. B., William and Mary College, 1918.

ALFRED BLALOCK. Jonesboro, Ga. 503 *N. Wolfe St.*
A. B., University of Georgia, 1918.

JOSEPH ROGERS BLALOCK. Weldon, N. C. 427 *N. Broadway.*
A. B. and A. M., Wake Forest College, 1918.

MARGARET LATHROP BRONSON. New Haven, Conn.
A. B., Vassar College, 1908; Graduate Student, *ibid,* 1917-18.
1727 *E. Fairmount Av.*

CHARLES ELBERT BUELL, JR. Detroit, Mich. 1209 *N. Broadway.*
A. B., University of Michigan, 1918.

DOROTHY SAUNDERS BURDICK. Baltimore. 2706 *Elsinore Av.*
A. B., Mount Holyoke College, 1918.

JAMES FORD BUSBY. Rose Hill, Iowa. 1626 *E. Biddle St.*
S. B., Grinnell College, 1918.

WILLIAM ARMSTEAD CAMPBELL, JR. Colorado Springs, Col.
A. B., Colorado College, 1918. *The Emerson.*

JOHN ALBERT CARNAGEY, JR. Danville, Ky. 1611 *E. Biddle St.*
S. B., Centre College (Ky.), 1918.

MABEL BURNETT COHN. Albany, N. Y. 104 *Jackson Pl.*
A. B., Vassar College, 1918.

JAY CECIL CRAGER. Beaumont, Tex. 1028 *N. Bdway.*
A. B., University of Texas, 1918.

ROBERT GLENN CRAIG. Albany, Ga. 1016 *N. Broadway.*
A. B., Washington and Lee University, 1917.

RICHARD TYNER CRECRAFT. Franklin, Ind. 1016 *N. Broadway.*
A. B., Franklin College, 1918.

MAX CUTLER. Athens, Ga. 503 *N. Wolfe St.*
S. B., University of Georgia, 1919.*

ARTHUR CHARLES DANIELIAN. Fowler, Cal. 1632 *Jefferson St.*
A. B., University of Southern California, 1917.

ARCHIBALD SWEETLAND DEAN. Woodford, Me. 1906 *E. Madison St.*
S. B., Bowdoin College, 1918; Summer School, University of Maine, 1917, and Harvard, 1918.

DAVID DAVIS. Washington, D. C. 403 *N. Bdway.*
A. B., George Washington University, 1917.

WALTER JOSEPH DECKER. Westfield, Pa. *Y. M. C. A.*
S. B., St. John's College, 1918.

RISDEN JASPER DEFORD. Savannah, Tenn. 606 *N. Bdway.*
A. B., University of Tennessee, 1918.

CLAUDE GARRISON DRACE. Kennett, Mo. 705 *Newington Av.*
S. B., Vanderbilt University, 1918.

ROBERT HARRIS DURHAM. Silver City, N. C.
A. B., Trinity College (N. C.), 1918.

ROSE MARGARET DWYER. Hartford, Ct. 512 *N. Broadway.*
A. B., Adelphi College, 1918.

DANIEL EUGENE EAGLE. Statesville, N. C. 810 *N. Bdway.*
A. B., University of North Carolina, 1917.

ROBERT ELMAN. Syracuse, N. Y. 1929 *McElderry St.*
S. B., Harvard University, 1918.

HELEN WARDNER EVARTS. Cambridge, Mass. 410 *N. Bdway.*
A. B., Vassar College, 1917; Graduate Student, Radcliffe College, 1917-18.

RALPH LEE FISHER. Wilmington, N. C. 520 *N. Bdway.*
A. B., Trinity College (N. C.), 1918.

LEWIS BARR FLINN. Wilmington, Del. 704 *N. Bdway.*
A. B., Princeton University, 1918.

WALTER WENDELL FRAY. Catskill, N. Y.
S. B., Syracuse University, 1916, and M. S., 1917.

BENJAMIN FRANKLIN FREEMAN. Waco, Tex. 1613 *E. Biddle St.*
A. B., Baylor University, 1917.

CHARLES A. GARRETT. Waco, Tex. 606 *N. Broadway.*
A. B., Baylor University, 1918.

ANDREW MUNCY GROSECLOSE. Ceres, Va. 520 *N. Broadway.*
A. B., Roanoke College, 1918.

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* Degree to be conferred June, 1919.

CHARLES ROBERT LEE HALLEY. Sheridan, Wyo. 606 *N. Bdway.*
A. B., University of Missouri, 1918.

PAUL MYRON HAMILTON. Colorado Springs, Col. 806 *N. Bdway.*
A. B., Colorado College, 1918.

KATHARINE HAVARD. New Orleans, La. 313 *N. Bdway.*
A. B., Newcomb College, 1915.

CLYDE ALEXANDER HEATLY. Schenectady, N. Y. 704 *N. Bdway.*
A. B., Union College, 1918.

ROBERT MULLINEAUX HEINE. Baltimore. 2901 *Brighton St.*
A. B., St. John's College, 1910.

LOUIS HANKINS HIBBITTS. Union City, Tenn.
A. B., William Jewell College, 1916.

WALTER GUSTAV HOUSEAL, JR. Newberry, S. C. 1612 *E. Biddle St.*
A. B., Newberry College, 1915; S. B., College of Charleston, 1917.

RAYMOND BLUE HUNTER. Adrian, Mich. 1509 *E. North Av.*
S. B., Adrian College, 1914.

RHODA MURIEL IMIVEY. New York, N. Y. 1731 *Fairmount Av.*
A. B., Barnard College, 1911.

EDWIN BOSLEY JARRETT. Jarrettsville. 3028 *St. Paul St.*
A. B., Johns Hopkins University, 1918.

THOMAS BANFORD JONES. Utica, N. Y. 606 *N. Broadway.*
A. B., Hamilton College, 1918.

CHESTER SCOTT KEEFER. Altoona, Pa. 632 *N. Broadway.*
S. B., Bucknell University, 1918.

EDMUND HOFFECKER KERPER. Pottstown, Pa. 1209 *N. Caroline St.*
S. B., Princeton University, 1918.

JAMES EDWARD KING. Atlanta, Tex. 1613 *E. Biddle St.*
A. B., Southern Methodist University, 1918.

ELIZABETH AMANDA KITTREDGE. Westford, Mass. 104 *Jackson Pl.*
A. B., Vassar College, 1912; A. M., Columbia University, 1913.

HARRY AARON KLEE. Washington, Pa. 1613 *E. Biddle St.*
A. B., Washington and Jefferson College, 1918.

JOHN HENRY KNOOP. Baltimore. 521 *N. Wolfe St.*
A. B., Johns Hopkins University, 1918.

PEARL VIVIAN KONTTAS. Portland, Ore. 410 *N. Broadway.*
A. B., Reed College, 1918.

ORTHELLO RICHARDSON LANGWORTHY. Hamilton, N. Y.
A. B., Colgate University, 1918. 606 *N. Broadway.*

RAYMOND EARL LENHARD. Baltimore. 32 *S. Fulton Av.*
A. B., Johns Hopkins University, 1918.

ISIDORE IRVIN LEVY. Baltimore. 705 *W. Lexington St.*
A. B., Johns Hopkins University, 1918.

ROBERT KORN LIPPMANN. New York, N. Y. 313 *N. Bdway.*
S. B., Columbia University, 1918.

ROBERT COLNON LONERGAN. Chicago, Ill. 1624 *E. Preston St.*
A. B., Syracuse University, 1918.

WILLIAM SAMUEL LOVE, JR. Baltimore. 836 *W. North Av.*
A. B., Johns Hopkins University, 1918.

WILLIAM STANISLAUS MCGRATH. Stratford, Conn. 929 *N. Bdway.*
A. B., Niagara University, 1918.

CLETUS EDMUND MCGUIGAN. Baltimore. 328 *Wyman Ave.*
A. B., Johns Hopkins University, 1918.

JACOB ISAAC MARGOLIS. New York, N. Y. 1228 *N. Bdway.*
Ph. B., Yale University, 1918.

BELLA SHAEFFER MARSHALL. San Antonio, Tex. 527 *N. Wolfe St.*
A. B. and A. M., University of Texas, 1918.

EVERT WAITMAN MEREDITH. Sistersville, W. Va. 606 *N. Bdway.*
A. B., Ohio State University, 1918.

ISRAEL DAVID MICHELSON. Baltimore. 832 *E. Baltimore St.*
A. B., Johns Hopkins University, 1918.

DOROTHEA MAY MOORE. Cambridge, Mass. 428 *N. Bdway.*
A. B., Bryn Mawr College, 1915; Graduate Student, Radcliffe College, 1915-16.

FRANK GUY MOORE. Union, N. Y. 606 *N. Broadway.*
A. B., Hamilton College, 1918.

BESSIE LOUISE MOSES. Baltimore. 3601 *Garrison Boul.*
A. B., Goucher College, 1915; Graduate Student, Johns Hopkins University, 1915-16.

MORRIS JACOBI MOSKOWITZ. Rochester, N. Y. 806 *N. Bdway.*
S. B., University of Rochester, 1918.

BERNHARD NEWBERGER, JR. Lexington, Ky. 1028 *N. Bdway.*
A. B., University of Missouri, 1918.

*JOSEPH EDWARD NOWREY, JR. West Collingswood, N. J.
A. B., University of Southern California, 1917. 520 *N. Broadway.*

LEROY MATTHEW POLVOGT. Wilmington, N. C. 520 *N. Bdway.*
A. B., Roanoke College, 1918.

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* To enter Jan. 1, 1919.

ROSA ELIZABETH PRIGOSEN. Brooklyn, N. Y. 1755 *Jefferson St.*
A. B., Adelphi College, 1916.

CATHRYN VEDALIA RILEY. Washington, D. C. 1713 *Fairmount Av.*
A. B., Wellesley College, 1912; S. B., Cornell University, 1916; and A. M., Johns Hopkins University, 1916.

J. EVERETT SANNER. Baltimore. 620 *W. North Av.*
A. B., Johns Hopkins University, 1918.

WILLIAM EYRE SISSON. Providence, R. I. 406 *N. Bdway.*
A. B., Brown University, 1918.

CLARENCE SMITH. Elysia, Ohio. 424 *N. Broadway.*
S. B., Ohio Northern University, 1918.

DAVID TILLERSON SMITH. Greenville, S. C. 427 *N. Bdway.*
A. B., Furman University, 1918.

MARGARET GLADYS SMITH. Carnegie, Pa. 410 *N. Broadway.*
A. B., Mount Holyoke College, 1918.

THOMAS COOK SMITH. Dublin, Ga. 1016 *N. Broadway.*
S. B., Emory University, 1917.

SUSIE PAGE SOUTHER. Lincoln, Neb. 127 *Jackson Pl.*
A. B., University of Nebraska, 1918.

HARRY WELLINGTON VANCE. French Creek, W. Va. 128 *Jackson Pl.*
A. B., West Virginia Wesleyan College, 1918.

CHARLES WILLIAM WAINWRIGHT, JR., Princess Anne. 1519 *N. Bdway.*
A. B., Western Maryland College, 1914.

WILLIAM HORACE FRANKLIN WARTHEN. Baltimore. 1647 *Wilkens Av.*
Johns Hopkins University.

HARRY WASSERMAN. Baltimore. 721 *W. Saratoga St.*
A. B., Johns Hopkins University, 1918.

ROBERT ELGIN WALKER. Sandy, Utah.
A. B., University of Utah, 1916.

EDWIN DAVID WEINBERG. Lonaconing. 806 *N. Broadway.*
A. B., Dickinson College, 1917.

BEULAH WELLS. Cleveland, Ohio. 104 *Jackson Pl.*
A. B., Vassar College, 1909.

WILLIAM JOHN HENRY BRADEN WELLS, Baltimore. 120 *S. Calhoun St.*
A. B., Johns Hopkins University, 1918.

JULIAN OTTO WILKE. Los Angeles, Cal. 1602 *E. Biddle St.*
A. B., University of Southern California, 1917.

ISABELLA MILLING WILLIAMS. Jacksonville, Fla.
S. B., Florida State College for Women, 1918.

FLORENCE JOSEPHINE WIMSATT. Washington, D.C. 127 *Jackson Pl.*
A. B., Trinity College (D. C.), 1916, and A. M., 1917.

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Second Year

HARRY DAVIS ABELL. Smithland, Ky. 806 *N. Bdway.*
S. B., University of Kentucky, 1917.

CLYDE I. ALLEN. Danville, Ill. 518 *N. Broadway.*
A. B., Illinois Wesleyan Universiy, 1917.

EDWIN COWLES ANDRUS. Oberlin, Ohio. 518 *N. Broadway*
A. B. and A. M., Oberlin College, 1916 and 1917.

WILLIAM DEWITT ANDRUS. Oberlin, Ohio. 518 *N. Broadway.*
A. B. and A. M., Oberlin College, 1916 and 1917.

ELIZABETH ARTHURS. Baltimore. 410 *N. Broadway.*
A. B., Vassar College, 1916; Summer School, J. H. U., 1916.

CECIL H. BAGLEY. Bagley. 5 *W. Chase St.*
A. B., Johns Hopkins University, 1917.

IMOGEN BALDWIN. Youngstown, Ohio. 410 *N. Broadway*
A. B., Mt. Holyoke College, 1916, and Graduate Student, 1916-17.

CLAUDE SCHAEFFER BECK. St. Clair, Pa. 1222 *N. Caroline St*
A. B., Franklin and Marshall College, 1916; Graduate Student, University of Pittsburgh, 1916-17.

WALTER ANDREW BELL. New York, N. Y. 606 *N. Bdway.*
A. B., Williams College, 1917.

RALPH DAVID BERGEN. Barberton, Ohio. 1529 *N. Bdway.*
A. B., Catholic University of America, 1917.

EDITH BOYD. Colorado Springs, Colo. 529 *N. Wolfe St.*
A. B., Colorado College, 1917.

DORSEY BRANNAN. Grafton, W. Va. 1614 *E. Biddle St.*
S. B., West Virginia University, 1916.

HELEN BRUCKMAN. San Francisco, Cal. 529 *N. Wolfe St.*
S. B., University of California, 1912, and Graduate Student, 1915.

WILLIAM MARCUS CORLEY, JR. Mexia, Texas. 101 *Jackson Pl.*
A. B., University of Texas, 1917.

MODESTINO CRISCITIELLO, JR. Jersey City, N. J. 1610 *E. Biddle St.*
A. B., Princeton University, 1917.

JOSEPH CHARLES CUNEO. Hoboken, N. J. 1322 *N. Caroline St.*
S. B., Princeton University, 1917.

MARGARET LOUISE CUTHBERTSON. Oakville, Canada. 127 *Jackson Pl.*
A. B., University of Toronto, 1913.

KENNETH MOSIER DAY. Pittsburgh, Pa. 1228 *N. Eden St.*
A. B., Princeton University, 1917.

KATHARINE DODD. Cambridge, Mass. 1739 *E. Fairmount Av.*
A. B., Bryn Mawr College, 1914.

LUCILE DOOLEY. Knoxville, Tenn. 1727 *E. Fairmount Av.*
A. B., Randolph-Macon Woman's College, 1905; A. M., University of Tennessee, 1915; Ph. D., Clark University, 1916.

MARION DREXEL DOUGLASS, JR. Mansfield, Ohio. 518 *N. Bdway.*
A. B., Kenyon College, 1917.

HAROLD ARNOLD EASTERBROOKS. Providence, R. I. 424 *N. Bdway.*
S. B., Rhode Island State College, 1910; Medical Student, Johns Hopkins University, 1910-11.

ERNEST EDLAVITCH. Bowie.
A. B., Johns Hopkins University, 1917.

DOROTHY EDWARDS. Tallula, Ill. 128 *W. Franklin St.*
S. B., Northwestern University, 1917.

ELIZABETH EMERSON. Providence, R. I. 1739 *Fairmount Av.*
A. B., Bryn Mawr College, 1917.

WARFIELD MONROE FIROR. Baltimore. 715 *Newington Ave.*
A. B., Johns Hopkins University, 1917.

CLYDE MARVIN FITCH. Portsmouth, O. 606 *N. Broadway.*
S. B., Ohio Wesleyan University, 1917.

ROBERT EDWARD FREEMAN. Spokane, Wash. 1610 *E. Biddle St.*
S. B., University of Washington, 1917.

CLARENCE FRY. McComb, O. 1010 *N. Broadway.*
A. B., Ohio Wesleyan University, 1917.

GEORGE HENRY GARDNER. Springfield, O. 1338 *N. Eden St.*
A. B., Wittenberg College, 1917.

MOSES GELLMAN. Richmond, Va. 1814 *Moreland Av.*
S. B., Richmond College, 1917.

GOMER FLOW GOFF. Sherman, Texas. 518 *N. Bdway.*
A. B., University of Texas, 1917.

HARRY HUMPHREY HAGGART. Fargo, N. D. 1012 *N. Broadway.*
A. B., Fargo College, 1914; Graduate Student, University of Minnesota, 1915-16; Medical Student, *ibid*, 1916-18.

HAROLD VERNON HARPER. Butler, Pa. 606 *N. Broadway.*
S. B., Allegheny College, 1916.

JULIAN DERYL HART. Buena Vista, Ga. 518 *N. Bdway.*
A. B., Emory University, 1916, and A. M., 1917.

OSIAH B. HIBBITTS, JR. Union City, Tenn. 518 *N. Broadway.*
A. B., William Jewell College, 1916.

SAMUEL HERBERT HINTON. Dacula, Ga. 518 *N. Broadway.*
A. B., Emory University, 1916; Graduate Student, 1917.

CHARLES HANCHETT HITCHCOCK. Chittenango, N. Y.
S. B., Amherst College, 1917. 1222 *N. Caroline St.*

IRA LUTHER HOUGHTON. Baltimore. 1719 *N. Calvert St.*
A. B., Johns Hopkins University, 1917.

CHESTER EZEKIEL HURWITZ. Baltimore. 900 *E. Lombard St.*
A. B., Johns Hopkins University, 1917.

DAVID TAYLOR HYATT. Monticello, Ark. 520 *N. Bdway.*
A. B., Washington and Lee University, 1916.

*MORRILL LEONARD ILSLEY. Waterville, Maine. 606 *N. Bdway.*
A. B., Colby College, 1917.

ARTHUR L. JACOBSON. Rugby, N. D. 518 *N. Bdway.*
A. B., University of North Dakota, 1917.

CHARLES REES JENKINS. Charleston, S. C. 1028 *N. Bdway.*
S. B., Davidson College, 1917.

LLOYD B. JOHNSTON. Faulkton, S. D. 518 *N. Broadway.*
S. B., Huron College, 1915.

MANUEL JUSTO. Juncos, P. R. 529 *N. Wolfe St.*
S. B., University of Porto Rico, 1915; M. S., Michigan Agricultural College, 1917.

IRMARITA KELLERS. Jersey City, N. J. 33 *E. Mt. Vernon Pl.*
A. B., Vassar College, 1916.

JAROLD ELIJAH KEMP. Bloomington. 520 *N. Broadway.*
A. B., Western Maryland College, 1917.

RALPH EMERSON KENDALL. Alliance, Ohio. 518 *N. Bdway.*
S. B., Mount Union College, 1917.

**FRANCIS P. KENNY. Dravosburg, Pa. 1022 *N. Bdway.*
A. B., Catholic University, 1916.

EDWARD ANDREW KITLOWSKI. Nanticoke, Pa. 520 *N. Bdway.*
S. B., Bucknell University, 1917.

HARVEY KLOCK. Herndon, Pa. 411 *N. Bdway.*
A. B., Haverford College, 1917.

LAWRENCE SCHLESINGER KUBIE. New York, N. Y. 529 *N. Wolfe St,*
A. B., Harvard University, 1916.

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* School of Hygiene.
** Entered Jan. 1, 1918.

PAUL BEATTIE MACCREADY. Samarcand, N. C. 510 *N. Bdway.*
S. B., Princeton University, 1916.

JOHN ARCHIBALD MCKAY. Buie's Creek, N. C. 520 *N. Broadway.*
A. B. and A. M., University of North Carolina, 1911 and 1912.

JAMES PATRICK MOLLOY, JR. Chicago, Ill. 615 *N. Carrollton Av.*
A. B., St. Ignatius College (Chicago), 1916; Graduate Student, Johns Hopkins University, 1916-1917.

LESLIE EDWIN MYATT. Dickson, Tenn. 1338 *N. Eden St.*
S. B., Vanderbilt University, 1917.

ISAAC Y. OLCH. Providence, R. I. 1614 *E. Biddle St.*
Ph. B., Brown University, 1917.

CAYETANO PANETTIERE. Lima, Peru, S. A. 706 *Madison Av.*
S. B., and A. M., Washington College, 1915 and 1916; Graduate Student, *ibid.*, 1916-1917.

HENRY MILLER POWELL. Salem, Va. 520 *N. Broadway.*
A. B., Roanoke College, 1917.

MARIAN CABOT PUTNAM, JR. Boston, Mass. 33 *E. Mt. Vernon Pl.*
A. B., Radcliffe College, 1917.

EVELYN B. REICHENBACH. Rochester, N. Y. 410 *N. Bdway.*
S. B., University of Rochester, 1917.

WILLIAM HARRY RESNIK. New Haven, Conn. 1622 *E. Biddle St.*
Ph. B., Yale University, 1916.

KEITH CHILTON RICE. Morristown, Tenn. 520 *N. Bdway.*
A. B., Washington and Lee University, 1917.

ARCHIBALD LOCKHART RIDDICK. High Point, N. C. 520 *N. Bdway.*
S. B., Guilford College, 1916.

ALICE ELIZABETH ROCKWELL. Ridgefield, Conn. 104 *Jackson Pl.*
A. B., Goucher College, 1917.

WILLIAM HELLMAN ROSENAU. Baltimore. 1515 *Eutaw Place.*
A. B., Johns Hopkins University, 1917.

DAVID HARRY RUBEN. Washington, Pa. 1622 *E. Biddle St.*
S. B., Washington and Jefferson College, 1917.

WILLIAM PAUL SADLER, JR. Van Buren, Ark. 606 *N. Bdway.*
A. B., University of Arkansas, 1916.

WINFIELD WENTWORTH SCOTT. Batavia, N. Y. 606 *N. Bdway.*
S. B., University of Rochester, 1915.

GORDON STIFLER SEAGRAVE. Granville, O. 1310 *N. Bdway.*
A. B., Denison University, 1917.

EUGENE CLAY SHAW. Cuba, Ala. 520 *N. Broadway.*
A. B., Howard College, 1915, and A. M., 1916.

CHARLES PHILLIPS MAHOOD SHEFFEY. Lynchburg, Va.
A. B. and A. M., Randolph-Macon College, 1914 and 1915.
1222 *N. Caroline St.*

KENNETH EDWIN SMILEY. Santa Ana, Cal. 810 *N. Bdway.*
S. B., Occidental College, 1917.

ARTHUR ADLER SONDHEIMER. Lancaster, Pa. 1338 *N. Eden St.*
A. B., Franklin and Marshall College, 1917.

DAN MAX STIEFEL. San Antonio, Tex. 1222 *N. Bdway.*
A. B., University of Texas, 1917.

*KO-CHI SUN. Siangtan, China. 505 *N. Wolfe St.*
A. B., Johns Hopkins University, February 22, 1918.

PAUL WINDOM SUTTON. Baltimore. 1735 *Bolton St.*
A. B., Johns Hopkins University, 1917.

HARRY MORGAN TIEBOUT. Brooklyn, N.Y. 1610 *E. Biddle St.*
S. B., Wesleyan (Conn.) University, 1917.

CHARLOTTE C. VAN WINKLE. Rutherford, N. J. 813 *N. Bdway.*
A. B., Smith College, 1914; Graduate Student, New York University, 1915-16.

HELEN VINCENT. Winter Park, Fla. 410 *N. Bdway.*
A. B., Mount Holyoke College, 1915.

SILAS WILLARD WALLACE. Spring City, Tenn. 806 *N. Bdway.*
S. B., Earlham College, 1917.

MARY DUNNE WALSH. Richmond, Va. 11 *E. Chase St.*
A. B., Trinity College, Catholic University, 1916; Graduate Student, Columbia University, 1915-16.

GRANT E. WARD. Berea, O. 1610 *E. Biddle St.*
A. B., Baldwin and Wallace College, 1917.

ROXIE ADELINE WEBER. Lagrange, Texas. 104 *Jackson Pl.*
A. B., University of Texas, 1916.

ALEXANDER ASHLEY WEECH. Baltimore. 520 *N. Broadway.*
A. B., Johns Hopkins University, 1917.

CASPAR LIGON WOODBRIDGE. Shanghai, China. 1610 *E. Biddle St.*
A. B., Princeton University, 1916.

MAX MASER ZINNINGER. Canton, Ohio. 411 *N. Broadway.*
A. B., Harvard University, 1917.

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* Entered January 1, 1918.

Third Year

WILMAR MASON ALLEN. Upper Marlboro. 518 *N. Bdway.*
A. B., Haverford, College, 1916.

RIDGELY WATERS BAER. Roland Park. *Roland Park.*
A. B., Johns Hopkins University, 1916.

GARLAND HOWARD BAILEY. Giatto, W. Va. 1012 *N. Bdway.*
S. B., West Virginia University, 1915; Graduate Student, Harvard, 1915-16.

ELI JEFFERSON BROWDER. Harrison, Mont. 1338 *N. Eden St.*
A. B., Emory and Henry College, 1915.

PAUL E. BROWN. Sparta, Ga. 1022 *N. Broadway.*
S. B., Emory University, 1915.

FLORENCE A. BROWNE. Bay City, Mich. 1727 *E. Fairmount Av.*
A. B., Vassar College, 1908; Medical Student, University of Michigan, 1916-18.

JOHN GILLETT BURNS. Cuero, Tex. 1526 *E. Biddle St.*
A. B., Southwestern University, 1916.

WILLIAM COURETTE CALDWELL. Athens, La. 606 *N. Broadway.*
A. B., Louisiana State University, 1911, and M. S., 1912.

GEORGE LUNSFORD CARRINGTON. Durham, N. C.
A. B., University of North Carolina, 1913; A. M., Trinity College, 1916; Medical Student, University of North Carolina, 1916-18.

FRED GAY CARTER. Rio Vista, Va. 1830 *N. Bdway.*
A. B., University of Wisconsin, 1911; Medical Student, *ibid*, 1915-16 and 1917-18.

ERNEST JOSEPH CAULFIELD. Hartford, Conn. 520 *N. Bdway.*
S. B., Trinity College (Conn.), 1916.

HAZEN GRAVES CHAMBERLIN. Ischua, N. Y. 1226 *N. Broadway.*
A. B., Pomona College, 1916.

SHEO NAN CHEER. Nanking, China. 521 *N. Wolfe St.*
A. B., University of Nanking, 1917; Graduate Student, Johns Hopkins University, 1916-17; Medical Student, Harvard Medical School of China, 1914-16.

ELEANOR CLARY. Worcester, Mass. 1020 *Cathedral St.*
A. B., Vassar College, 1914; Graduate Student, Radcliffe, 1915-1916.

PAUL CRENSHAW COLONNA. Richmond, Va. 716 *N. Bdway.*
A. B., Randolph-Macon College, 1915; Medical Student, Medical College of Virginia, 1916-17.

GUY NELSON CROMWELL. Anne Arundel Co. *Brooklyn.*
A. B., Johns Hopkins University, 1916.

SEVERN TEACKLE WALLIS CULL. Baltimore. 1415 *Park Av.*
A. B., Princeton University, 1914; Graduate Student, Johns Hopkins University, 1915-1916.

HENRY LAURAN DARNEE. Hagerstown. 1519 *N. Broadway.*
A. B., Western Maryland College, 1916.

DANIEL CADY DARROW. Fargo, N. D. 606 *N. Broadway.*
A. B., Cornell University, 1916.

EDWARD CLARK DAVIDSON. Bellevue, Pa. 1216 *N. Broadway.*
S. B., Harvard University, 1916.

*PERCY BERNARD DAVIDSON. Boston, Mass. 1708 *E. Monument St.*
A. B., Harvard University, 1916.

HERBERT HAYWOOD DAVIS. Omaha, Nebr. 1216 *N. Bdway.*
A. B., Cornell University, 1917; Medical Student, *ibid.*, 1916-17.

ATALA SCUDDER DAVISON. Brooklyn, N. Y. 1720 *E. Madison St.*
A. B., Bryn Mawr College, 1915.

FRANCIS RAYMOND DIEUAIDE. New York, N. Y. 21 *W. Chase St.*
A. B., College of the City of New York, 1913. Graduate Student, Columbia University, 1915-1916; Medical Student, *ibid.*, 1916-17.

HELENE DOETSCH. Baltimore. 733 *W. Lombard St.*
A. B., Goucher College, 1916

ROGER GAMBLE DOUGHTY. Augusta, Ga. 518 *N. Broadway.*
S. B., University of Georgia, 1916.

RICHARD DRESSER. Providence, R. I 316 *N. Bdway.*
Ph. B., Brown University, 1916.

VALCOULON LEMOYNE ELLICOTT. Baltimore. *Melvale.*
S. B., Massachusetts Institute of Technology, 1916.

AUGUSTUS ROI FELTY. Hartford, Conn. 606 *N. Bdway.*
A. B., Yale University, 1916.

FRANK RODOLPH FORD. Fairfax, Va. 1511 *Bolton St.*
A. B., Johns Hopkins University, 1915.

JAMES CHARLES FOX, JR. Middletown, Conn. 518 *N. Bdway.*
A. B., Williams College, 1916.

ROBERT ELMER FRICKE. Baltimore. 2422 *N. Calvert St.*
A. B., Johns Hopkins University, 1916.

JONAS STEIN FRIEDENWALD. Baltimore. 1029 *Madison Av.*
A. B., Johns Hopkins University, 1916.

WILLIAM HARRIS FUNK. South Bend, Ind. 518 *N. Bdway.*
A. B., Williams College, 1916.

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* Entered Feb. 1, 1917.

CARL GAINES. Rome, Ga.
A. B., Mercer University, 1913.

MANUEL GUTMAN GICHNER. Baltimore. 1516 *Madison Av.*
A. B., Johns Hopkins University, 1916.

ELMER PAUL GREENAWALT. Springfield, O. 1330 *N. Caroline St.*
A. B., Wittenberg College, 1915, and A. M., 1916.

ROBERT MCCULLEY HALBACH. Lancaster, Pa. 1816 *Park Av.*
S. B., Franklin and Marshall College, 1915, and M. S. 1916.

FRANKLIN MCCUE HANGER, JR. Staunton, Va. 1614 *E. Biddle St.*
S. B., University of Virginia, 1916.

HELEN HARRINGTON. Denver, Colo. 1725 *E. Fairmount Av.*
A. B., Wellesley College, 1902; A. M., University of Denver, 1915.

CHARLES LESTER HARTSOCK. Cumberland. 1727 *N. Bdway.*
S. B., St. John's College, 1916.

HARRY MORTON HAWKINS. Pittsburgh, Pa. 1228 *N. Eden St.*
A. B., Washington and Jefferson College, 1916.

RAYMOND WILLARD HAWKINS. Rochester, N. Y. 606 *N. Bdway.*
S. B., University of Rochester, 1916.

ARTHUR JOSEPH HEARN. Hudson, N. Y. 1525 *N. Bdway.*
Ph. B., Yale University, 1916.

LEIGHT MONROE HIGGINS. Athens, O. 606 *N. Broadway.*
A. B., Ohio University, 1916.

ALEXANDER CHARLES HOFFMEISTER. Athens, O. 1622 *E. Biddle St.*
S. B. and M. S., Ohio University, 1915-16; Summer quarter, Chicago, 1915; Medical Student, Western Reserve Medical School, 1916-17.

EMMETT HOLT. New York, N. Y. 1216 *N. Bdway.*
A. B., Harvard University, 1916.

PHILIP BIRD HOPKINS. Baltimore. 234 *Laurens St.*
A. B., Randolph-Macon College, 1913; Summer School, Johns Hopkins University, 1914, 1915, and 1916.

EDITH BANFIELD JACKSON. Colorado Springs, Colo. 705 *N. Bdway.*
A. B., Vassar College, 1916.

FRANKLIN PARADISE JOHNSON. Columbia, Mo. 1508 *John St.*
A. B., University of Missouri, 1908; A. M., Harvard University, 1910, and Ph. D., 1912; Medical Student, University of Missouri, 1906-08.

WILLIAM OSCAR JOHNSON. Winchester, Ky. 806 *N. Bdway.*
S. B., Kentucky Wesleyan College, 1915; Graduate Student, Johns Hopkins University, 1915-16.

RALPH CHARLES KAHLE. Burlington, Ia. 716 *N. Bdway.*
A. B., State University of Iowa, 1916.

ROBERT PHELPS KENNEDY. Buffalo, N. Y. 518 *N. Bdway.*
A. B., Cornell University, 1912; Summer Session, Freiburg, 1911.

HOWARD MILTON KERN. Memphis, Tenn. 1234 *N. Bdway.*
A. B., University of Virginia, 1917; Medical Student, *ibid*, 1916-18.

HALFORD BENSON KNEALE. Anderson, Ind. 606 *N. Bdway.*
A. B., DePauw University, 1915.

GUY WHITMAN LEADBETTER. S. Lincoln, Me. 606 *N. Bdway.*
A. B., Bowdoin College, 1916.

CHARLES ALEC LEVIN. Norwich, Conn. 606 *N. Bdway.*
A. B., Brown University, 1916.

BERTRAM DAVID LEWIN. San Antonio, Tex. 1222 *N. Bdway.*
A. B., University of Texas, 1916.

JACOB LIVINGSTON. Dover, N. J. 1620 *E. Biddle St.*
S. B., Lafayette College, 1916.

GEORGE MARSHALL LYON. Huntington, W. Va. 518 *N. Bdway.*
S. B., Denison University, 1916.

CRUTCHER MCCLURE. Nashville, Tenn. 716 *N. Bdway.*
S. B., Vanderbilt University, 1916; Medical Student, *ibid*, 1916-18.

CHARLES CLIFTON MCCOY. East Liverpool, O. 935 *N. Calvert St.*
S. B., Princeton University, 1915.

ARCHIBALD MURDOCH MCKEITHEN. Cameron, N. C. 1612 *E. Biddle St.*
S. B., Davidson College, 1916.

CLYDE MCNEILL. Edgemore, S. C. 520 *N. Bdway.*
A. B., Erskine College, 1915; S. B. and A. M., University of South Carolina, 1916.

JOSEPH MORTIMER MARCUS. Glens Falls, N. Y. 520 *N. Bdway.*
Ph. B., Yale University, 1916.

LAY MARTIN. Roland Park. 214 *Longwood Rd.*
S. B., Princeton University, 1915.

WILLIAM CURRY MARTIN. Lexington, Ky. 806 *N. Bdway.*
A. B., University of Kentucky, 1916.

FITZ RANDOLPH MOORE. Lisbon, O. 1525 *N. Broadway.*
A. B., Westminster College (Pa.), 1916.

ELIZABETH GRACE NICHOLLS. Williamsburg, Mass.
A. B., Vassar College, 1915. 2034 *N. Calvert St.*

ERWIN ELLIS NELSON. Springfield, Mo. 1601 *E. Preston St.*
A. B., University of Missouri, 1914, and A. M., 1916; Medical Student, *ibid*, 1913-18.

LILLIAN LYDIA NYE. New Haven, Conn. 527 *N. Wolfe St.*
A. B., University of Minnesota, 1909, and A. M., 1910; Medical Student, Yale University, 1916-18.

DANIEL PATRICK O'BRIEN. Torrington, Conn.
Ph. B., Yale University, 1915; Medical Student, *ibid*, 1916-17.

ROBERT WESLEY PARR. Marietta, O. 120 *Jackson Pl.*
A. B., Marietta College, 1916.

SUSANNE RING PARSONS. Lincoln, Nebr. 1237 *N. Caroline St.*
S. B., University of Nebraska, 1914, and A. M., 1915.

WINTHROP MORGAN PHELPS. Plainfield, N. J. 1016 *N. Bdway.*
S. B., Princeton University, 1916.

RENA KATE PIPER. Racine, Wis. 104 *Jackson Pl.*
S. B., University of Wisconsin, 1916.

HARRY WILLIAM PLATH. Davenport, N. D. 716 *N. Bdway.*
S. B., Fargo College, 1916.

ARTHUR CHIPMAN PRIMROSE. Baltimore. 518 *N. Broadway.*
A. B., Johns Hopkins University, 1916.

FRANK H. PURCELL. Detroit, Mich. 510 *N. Broadway.*
A. B., University of Michigan, 1916.

FREDERICK LEET REICHERT. Lancaster, Pa. 1022 *N. Bdway.*
Ph. B., Franklin and Marshall College, 1916.

MARY TORREY ROUDEBUSH. Memphis, Tenn. 718 *N. Bdway.*
S. B., University of Wisconsin, 1918; Medical Student, *ibid*, 1913-14 and 1917-18.

JOHN AUGUST SCHEURICH. Baltimore. 2201 *Harford Av.*
A. B., Loyola College, 1916.

JOHN ARMSTRONG SHACKELFORD. Martinville, Va. 1216 *N. Bdway.*
S. B., Hampden-Sidney College, 1916.

HUGH PERCY SHELLABEAR. Baltimore. 2512 *Guilford Av.*
A. B., Ohio Wesleyan University, 1912, and A. M., 1913.

ROGER SHORE SIDDALL. Sumter, S. C. 606 *N. Broadway.*
A. B., University of North Carolina, 1916; Medical Student, *ibid*, 1916-18.

EDWARD PIERCE LENTZ SHOPE. Harrisburg, Pa. 808 *N. Bdway.*
A. B., Dickinson College, 1916.

HERBERT CLARE SOULE, JR. Rochester, N. Y. 606 *N. Bdway.*
S. B., University of Rochester, 1916.

GEORGE SIDNEY SPRAGUE. Lexington, Ky. 1213 *W. Fayette St.*
S. B., University of Kentucky, 1916.

MARGERY MAY STAUFFER. San Francisco, Cal. *Y. W. C. A.*
A. B., University of Toronto, 1917; Medical Student, *ibid.*, 1915-17.

DAVID STEEL. Auburn, R. I. 606 *N. Bdway.*
Ph. B., Brown University, 1916.

EMERSON LAW STONE. Philmont, N. Y. 518 *N. Bdway.*
A. B., Williams College, 1916.

ARTHUR GEORGE SULLIVAN. Northampton, Mass. 1022 *N. Bdway.*
A. B., Catholic University of America, 1916.

NORMAN E. TANNENBAUM. Crawfordsville, Ind. 1612 *E. Biddle St.*
A. B., Wabash College, 1915, and A. M., 1916.

MARGARET TAYLOR. Canandaigua, N. Y. 705 *N. Bdway.*
A. B., Vassar College, 1915.

RICHARD WESLEY TELINDE. Waupun, Wis. 1830 *N. Bdway.*
A. B., University of Wisconsin, 1917; Medical Student, *ibid*, 1916-18.

THOMAS HERBERT THOMASON. Huntsville, Tex. 518 *N. Bdway.*
A. B., University of Texas, 1916.

CLARA MABEL THOMPSON. Providence, R. I. 104 *Jackson Pl.*
A. B., Brown University, 1916.

EUGENE NELSON VANDYKE. Renova, Pa. 828 *N. Broadway.*
S. B., Princeton University, 1916.

LEWIS CLARK WAGNER. Nicholasville, Ky. 1612 *E. Biddle St.*
A. B., Georgetown College (Ky.), 1916.

ALGERNON STORRS WARINNER. Richmond, Va. 1022 *N. Bdway.*
A. B., Hampden-Sidney College, 1914; Summer School, Johns Hopkins University, 1915.

JOSEPH WEINER. New Haven, Conn. 1620 *E. Biddle St.*
Ph. B., Yale University, 1916; Medical Student, *ibid.*, 1916-17.

ARCHIBALD WIESE. Pittsburgh, Pa. 1016 *N. Bdway.*
S. B., Princeton University, 1916.

HELEN JANE ZILLMER. Milwaukee, Wis. 33 *E. Mt. Vernon Pl.*
A. B., University of Wisconsin, 1916; Medical Student, *ibid.*, 1916-17.

Fourth Year

ENOCH HERMON ADAMS. Belgrade, Me. 806 *N. Broadway.*
A. B., Bates College, 1913.

JANE B. ARMSTRONG. Rome, N. Y. 1725 *E. Fairmount Av.*
A. B., Smith College, 1910; Graduate student, Syracuse University, 1914-15.

ALVIN GLENWOOD ATHENS. Summitsville, Ind. 606 *N. Broadway.*
A. B., De Pauw University, 1915.

EDGAR DRANE BASKETT. Columbia, Mo. 1626 *E. Biddle St.*
A. B. and A. M., University of Missouri, 1915 and 1916; Medical Student, *ibid.*, 1913-15.

MARY KENDRICK BENEDICT. Cincinnati, O. 102 *Jackson Pl.*
A. B., Vassar College, 1897; Ph. D., Yale University, 1903.

FRANKLIN BLEVINS BOGART. N. Chattanooga, Tenn. 1529 *N. Bdway.*
S. B. and M. S., University of Wisconsin, 1916-17; Medical Student, *ibid.*, 1914-17.

HAROLD MATHEW BOWCOCK. Springfield, Ill. 1727 *N. Bdway.*
S. B. and M. S., University of Michigan, 1916-17; Medical Student, *ibid.*, 1914-16.

DUDLEY PLEASANTS BOWE. Richmond, Va. 1727 *N. Broadway.*
A. B., Richmond College, 1915.

PAUL J. BOWMAN. Middletown, Pa. 1322 *N. Caroline St.*
A. B., Lebanon Valley College, 1915.

MOSES LEWIS BREITSTEIN. Richmond, Va. 1302 *N. Broadway.*
A. B., Richmond College, 1915; Summer School, University of Michigan, 1914.

EDWIN NASH BROYLES. Atlanta, Ga. 510 *N. Broadway.*
S. B., University of Georgia, 1915.

JOHN AMBROSE CLARK BUSBY. Delta, Ia. 1626 *E. Biddle St.*
S. B., Grinnell College, 1915.

EUGENE MORRISON CARR. Albuquerque, N. M. 518 *N. Broadway.*
A. B., University of Pennsylvania, 1913; Graduate student, Johns Hopkins University, 1914-1915.

JAMES ROBERT CASH. Chattanooga, Tenn. 1614 *E. Biddle St.*
A. B., University of Virginia, 1914, and A. M., 1915.

HORTON RYAN CASPARIS. Austin, Tex. 518 *N. Broadway.*
A. B., University of Texas, 1915.

LELAND STANFORD CHAPMAN. Los Angeles, Cal. 810 *N. Bdway.*
S. B., Occidental College, 1915.

JOHN GARDNER CHEETHAM. Canton, N. Y. 606 *N. Broadway.*
A. B., St. Lawrence University, 1913; Medical Student, Johns Hopkins University, 1913-15.

LAURENCE BENJAMIN CHENOWETH. Baltimore. 725 *N. Carey St.*
A. B., Johns Hopkins University, 1914.

BENJAMIN MILTON CISSEL. Highland. 1626 *E. Biddle St.*
A. B., St. Johns College, 1914.

L. CLARENCE COHN. Baltimore. *Cloverdale Apts.*
A. B., Johns Hopkins University, 1915.

WINCHELL MCKENDREE CRAIG. Washington C. H., O. 1538 *N. Bdway.*
A. B., Ohio Wesleyan University, 1915.

CATHERINE CREIGHTON. Evanston, Ill. 202 *W. Monument St.*
A. B., Bryn Mawr College, 1914; Graduate student, George Washington University, 1914-1915.

LEONARD TOMB DAVIDSON. Oberlin, O. 606 *N. Broadway.*
A. B., Oberlin College, 1912; Medical Student, Johns Hopkins University, 1914-16.

JAMES EDWARD DAVIS. Groseclose, Va. 520 *N. Bdway.*
A. B., Roanoke College, 1915.

EDWARD CARSON DEMMOND. Savannah, Ga. 814 *N. Broadway*
A. B., Emory College, 1915.

HELEN GEORGE DENNIS. Portland, Ore. 306 *N. Broadway.*
A. B., University of Oregon, 1913.

EDGAR EVERETT DUNCAN. Waldron, Ark. *Woman's Hospital.*
A. B., University of Arkansas, 1915.

RALPH HARPEL DUNLAP. Baltimore. 3300 *Beech Av.*
A. B., Albright College, 1914.

JAMES RALPH DUNN. Camden, S. C. 1612 *E. Biddle St.*
S. B., Davidson College, 1915.

FRANKLIN GESSFORD EBAUGH. Reisterstown. 700 *W. North Av.*
A. B., Johns Hopkins University, 1915.

HORTENSIA AMANDA FARRELL. Batavia, N.Y. 813 *N. Broadway.*
S. B., Simmons College, 1912.

JOHN MILLER TRAIN FINNEY, JR. Baltimore. 1300 *Eutaw Pl.*
S. B., Princeton University, 1915.

THOMAS SAMUEL FINNEY. Attica, Ind. 606 *N. Broadway.*
A. B., Wabash College, 1915.

EARL NEWTON FLOWERS. Clarksburg, W.Va. 520 *N. Bdway.*
A. B., West Virginia Wesleyan College, 1915; Summer Courses, Johns Hopkins University, 1915.

WATSON WOMACK GRAY. Farmville, Va. 923 *N. Broadway.*
A. B., Randolph-Macon College, 1915.

JACOB PEARL GREENBERG. New York, N. Y. 1642 *Morcland Av.*
S. B., College of the City of New York, 1915; Summer Session, Columbia University, 1914.

ROBERT ROGER HANNON. Seattle, Wash. 606 *N. Broadway.*
S. B., University of Washington, 1915.

EDWARD M. HANRAHAN, JR. Binghamton, N. Y. 510 *N. Bdway.*
A. B., Cornell University, 1915.

JOHN WILLIAM HARBISON. Morganton, N. C. 810 *N. Bdway.*
A. B. and A. M., Trinity College (N. C.), 1912 and 1915; Medical Student, University of North Carolina, 1915-17.

GEORGE GIVINS HARVEY. Armstrong, Mo. 1529 *N. Bdway.*
A. B., University of Missouri, 1916 and A. M., 1917; Medical Student, *ibid.*, 1914-16.

RALPH DAVID HERLINGER. Warren, O. 1231 *N. Caroline St.*
S. B., Hobart College, 1915.

HAROLD LEONARD HIGGINS. Boston, Mass. 520 *N. Bdway.*
A. B., Harvard University, 1907.

CHAMPNEYS HOLT HOLMES. Macon, Ga. 814 *N. Broadway.*
S. B., University of Georgia, 1915.

PAUL ROSCOE HOLTZ. Frederick. 1529 *N. Broadway.*
A. B., Western Maryland College, 1915.

LOIS HUBBARD. Cambridge, Mass. 1727 *E. Fairmount Av.*
A. B., Vassar College, 1915.

CYRIL CHRISTOPHER HUSSEY. Sidney, O. 1538 *N. Broadway.*
S. B., Ohio University, 1915.

WASHINGTON CONNER HUYLER. Tenafly, N. J. 521 *N. Wolfe St.*
S. B., Columbia University, 1915.

ROBERT ALEXANDER JOHNSTON. Tuskegee, Ala. 606 *N. Bdway.*
S. B., University of Alabama, 1915.

HUGH WILSON JOSEPHS. Newport, R. I. 908 *St. Paul St.*
A. B., Harvard University, 1914; Graduate Student, *ibid.*, 1914-1915.

H. DABNEY KERR. Catonsville. 518 *N. Broadway.*
S. B., University of Wisconsin, 1916; Medical Student, *ibid.*, 1914-1916.

HOWARD ATHOS KINNAMAN. Bowling Green, Ky.
S. B., Earlham College, 1915. 4014 *Forest Park Av.*

WILLIAM MINSTER KUNKEL. Harrisburg, Pa. 1727 *N. Bdway.*
A. B., Franklin and Marshall College, 1915.

LUCILLE LIBERLES. Baltimore. 2347 *Eutaw Pl.*
A. B., Goucher College, 1915.

FERDINAND CHRISTIAN LIEBERKNECHT. Baltimore.
A. B., Cornell University, 1915. 3033 *Guilford Av.*

JAY MCLEAN. San Francisco, Cal. 1114 *N. Calvert St.*
S. B., University of California, 1914, and A. M., University of Pennsylvania, 1917; Robert M. Girvin Research Fellow, University of Pennsylvania, 1916-17; Le Conte Memorial Fellow, University of California, 1917-19.

MADGE THURLOW MACKLIN. Philadelphia, Pa.
A. B., Goucher College, 1914.

BIRKHEAD MACGOWAN. Knoxville, Tenn. 27 *N. Carey St.*
S. B., University of Tennessee, 1915.

WILLIAM ALEXANDER MCINTOSH. Oberlin, O. 1027 *N. Caroline St.*
A. B., Oberlin College, 1913, and A. M., 1915.

HILMAR GEORGE MARTIN. Milwaukee, Wis. 527 *N. Wolfe St.*
A. B. and A. M., University of Wisconsin, 1915-16; Medical Student, *ibid.*, 1914-16.

LAURA MARY MOENCH. Gowanda, N. Y. 101 *Jackson Pl.*
A. B., Wellesley College, 1914; Medical Student, Cornell University, 1915-16.

JOHN MERRELL MONFORT. Cartersville, Ga. 1022 *N. Bdway.*
A. B., Emory University, 1915.

DORIS AUDREY MURRAY. St. John, New Bruns. 1720 *E. Madison St.*
A. B., McGill University, 1915.

LUTHER KYNER MUSSELMAN. Gettysburg, Pa. 806 *N. Broadway.*
S. B., Pennsylvania College, 1915.

JOSEPH GRANT O'BRIEN, JR. Butte, Mont. 2119 *Homewood Av.*
A. B., St. Francis Xavier's College, 1914.

ALEXANDER THOMAS ORMOND, JR. Princeton, N. J. *Gilman Co. Sch.*
A. B., Princeton University, 1912.

CHARLES EDWARDS PARSONS. Colorado Springs, Colo. 510 *N. Bdway.*
A. B., Amherst College, 1913, and Colorado College, 1914.

JOHN RODMAN PAUL. Philadelphia, Pa. 510 *N. Bdway.*
A. B., Princeton University, 1915.

DALTON GORDON PAXMAN. Hamilton, N. D. 1602 *E. Biddle St.*
A. B. and M. S., University of North Dakota, 1914 and 1915.

ANNA PLATT. Baltimore. 1109 *N. Charles St.*
A. B., Bryn Mawr College, 1909; Graduate Student, Johns Hopkins University, 1914-15.

JAMES VALENTINE PRICE, JR. Madison, N. C. 120 *Jackson Pl.*
A. B., University of North Carolina, 1915; Medical Student, *ibid.*, 1915-17.

ROBERT EMMET PURCELL. Shamokin, Pa. 1626 *E. Biddle St.*
A. B., University of Michigan, 1915.

ANNE PERIL PURDY. Waterboro, Quebec. 705 *N. Bdway.*
A. B., McGill University, 1915.

ELIZABETH MINTIE REESE. Gwynnbrook. 1709 *Fairmount Av.*
A. B., Goucher College, 1908.

ARNOLD RICE RICH. Birmingham, Ala. 510 *N. Bdway.*
A. B., University of Virginia, and A. M., 1915.

WILLIAM FRANCIS RIENHOFF, JR. Springfield, Mo. 510 *N. Broadway.*
A. B., Cornell University, 1915.

DUDLEY ANDERSON ROBNETT. Columbia, Mo. 3543 *Newland Av.*
A. B., University of Missouri, 1916, and A. M., 1917; Medical Student, *ibid.*, 1914-16.

GEORGE DAVIS ROWE. Fredericksburg, Va. 518 *N. Bdway.*
A. B., Fredericksburg College, 1910; S. B., Wake Forest College, 1916 (Medical Student, 1914-1916).

BENJAMIN SACKS. Baltimore. 1707 *E. Fairmount Av.*
A. B., Johns Hopkins University, 1915.

IRWIN CLEMENT SCHUMACHER. Yuba City, Cal. 518 *N. Bdway.*
A. B., University of California, 1915.

MAUDE HILLBERRY SMITH. Blue River, Wis.
S. B., University of Wisconsin, 1916; Medical Student, *ibid.*, 1913-16, and Tufts Medical School, 1916-17.

GEORGE SALVADORE STEVENSON. Baltimore. 1637 *Ashland Av.*
S. B., Bucknell University, 1915.

HAROLD JULIAN STEWART. Onancock, Va. 21 *W. Chase St.*
A. B., Johns Hopkins University, 1915; Medical Student, *ibid.*, 1915-16, and Columbia University, 1916-17.

BESSIE TALBOT STRONGMAN. Brookline, Mass. *The Walbert.*
S. B., University of Chicago, 1915.

EDYTH CLAIRE SWARTHOUT. Lacrosse, Wis. 33 *E. Mt. Vernon Pl.*
A. B. and A. M., University of Wisconsin, 1913-17; Medical Student, *ibid.*, 1912-13, and 1916-17.

FRANK CARLETON THOMAS. Roanoke, Va. 234 *Laurens St.*
A. B., Randolph-Macon College, 1915.

CLAUD IRVING UHLER. Baltimore. 605 *N. Carrollton Av.*
A. B., Johns Hopkins University, 1915.

ALLEN FISKE VOSHELL. Baltimore. 510 *N. Broadway.*
A. B., Johns Hopkins University, 1915.

EMANUEL U. WALLERSTEIN. Richmond, Va. 1302 *N. Bdway.*
A. B., University of Virginia, 1914.

LESLIE TILLOTSON WEBSTER. Mt. Vernon, N. Y. *J. H. Hosp.*
A. B., Amherst College, 1915.

GEORGE HUNTINGTON WILLIAMS. Baltimore. 803 *Cathedral St.*
A. B., Harvard University, 1915.

JUDSON THOMAS WILLIAMS. Colo.Springs, Colo. 806 *N. Broadway*
A. B., Colorado College, 1915.

HENRY STUART WILLIS. High Point, N. C. 2022 *Mt. Royal Ter.*
A. B., University of North Carolina, 1914.

HENRY MORGAN WINANS. Denver, Colo. 518 *N. Broadway.*
A. B., Leland Stanford, Jr., University, 1916; Medical Student, *ibid,* 1915-1916.

H. GARNER WRIGHT. Seattle, Wash. 606 *N. Broadway.*
S. B., University of Washington, 1913; Medical Student, Johns Hopkins University, 1914-1915.

JOHN BARLOW YOUMANS. Mukwonago, Wis. 1529 *N. Bdway.*
A. B. and M. S., University of Wisconsin, 1915 and 1916; Medical Student, *ibid,* 1914-1916.

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SUMMARY

First year class	90
Second year class	88
Third year class	103
Fourth year class	95
	376

Geographical Distribution of Students Enrolled and Their Places of Graduation

Alabama	3	New York	36
Arkansas	3	North Carolina	13
California	7	North Dakota	5
Colorado	8	Ohio	26
Connecticut	12	Oregon	2
Delaware	1	Pennsylvania	26
District of Columbia	3	Rhode Island	8
Florida	2	South Carolina	6
Georgia	13	South Dakota	1
Illinois	6	Tennessee	13
Indiana	6	Texas	14
Iowa	4	Utah	1
Kentucky	8	Virginia	20
Louisiana	2	Washington	3
Maine	4	West Virginia	6
Maryland (Baltimore, 43)	59	Wisconsin	7
Massachusetts	12	Wyoming	1
Michigan	4		
Missouri	7	*Foreign*	
Montana	2	Canada	3
Nebraska	3	China	3
New Jersey	9	Porto Rico	1
New Mexico	1	South America	1

Adelphi College	2	Bryn Mawr College	6
Adrian College	1	Bucknell University	3
Alabama, University of	1	California, University of	2
Albright College	1	Catholic Univ. of America	3
Allegheny College	1	Centre College (Ky.)	1
Amherst College	3	Chicago, University of	1
Arkansas, Unversity of	2	Colby College	1
Baldwin-Wallace College	1	Colgate University	1
Barnard College	1	College of City of New York	2
Bates College	1	Colorado College	4
Baylor University	1	Columbia University	2
Bowdoin College	2	Cornell University	6
Brown University	6	Davidson College	3

Denison University	2
De Pauw University	2
Dickinson College	2
Earlham College	2
Emory University	6
Emory and Henry College	1
Erskin College	1
Fargo College	2
Florida State College for Women	1
Franklin College	1
Franklin and Marshall Coll.	5
Fredericksburg College	1
Furman University	1
Georgetown College (Ky.)	1
Georgia, University of	5
George Washington Univ.	1
Goucher College	6
Grinnell College	3
Guilford College	1
Hamilton College	2
Hampden-Sidney College	2
Harvard University	9
Haverford College	2
Hobart College	1
Howard College	1
Huron College	1
Iowa, State University of	1
Johns Hopkins University	34
Kentucky, University of	3
Kenyon College	1
Lafayette College	1
Lebanon Valley College	1
Leland Stanford Jr. Univ.	1
Louisiana State University	1
Loyola College	1
McGill University	2
Marietta College	1
Mass. Inst. of Technology	1
Mercer University	1
Michigan, University of	4
Minnesota, University of	1
Missouri, University of	7
Mount Holyoke College	4
Mount Union College	1
Nanking, University of	1
Nebraska, University of	2
Newberry College	1
Newcomb College	1
Niagara University	1
North Carolina, University of	6
North Dakota, University of	2
Northwestern University	1
Oberlin College	4
Occidental College	2
Ohio Northern University	1
Ohio State University	1
Ohio University	3
Oregon, University of	1
Pennsylvania College	1
Pittsburgh, University of	1
Pomona College	1
Porto Rico, University of	1
Princeton University	16
Radcliffe College	1
Randolph-Macon College	5
Randolph-Macon Woman's College	1
Rhode Island State College	1
Reed College	1
Richmond College	3
Roanoke College	4
Rochester, University of	5
Simmons College	1
Smith College	2
Southwestern University	2
St. Francis Xavier College	1
St. Ignatius College	1
St. John's Coll. (Annapolis)	4
St. Lawrence University	1
Southern California, Univ. of	3
Syracuse, University of	2
Southern Methodist Univ.	1
Tennessee, University of	2
Texas, University of	9
Toronto, University of	2
Trinity College (Conn.)	1
Trinity College (D. C.)	2

Trinity College (N. C.)	3
Newcomb College	1
Union College	1
Utah, University of	1
Vanderbilt University	3
Vassar College	19
Virginia, University of	5
Wabash College	2
Wake Forest College	1
Washington, University of	4
Washington & Jefferson Coll.	3
Washington and Lee Univ.	3
Wellesley College	3
Wesleyan Univ. (Conn.)	1
Wesleyan Univ. (Ill.)	1
Wesleyan Univ. (Ky.)	1
Wesleyan Univ. (Ohio)	4
Wesleyan Univ. (W. Va.)	2
Western Maryland College	4
Westminster College (Pa.)	1
West Virginia University	2
William and Mary, Coll. of	1
William Jewell College	2
Williams College	4
Wisconsin, University of	11
Wittenberg College	2
Yale University	7

PHYSICIANS ATTENDING GRADUATE COURSES, DURING 1917-1918

ANN BOHNING. Fort Worth, Texas.
A. B., Smith College, 1915. *Clinical Microscopy.*

LEOPOLDO CAJIAO C. Bogota, Colombia, S. A.
M. D., Facultad de Ciencias Naturales y Medicina, 1916. *General Course.*

CARLOS PINHEIRO CHAGAS. Brazil, S. A.
M. D., Rio de Janeiro Medical School, 1913. *Pathology, Histology, Bacteriology, Medicine.*

GEORGE F. CLARK. Saginaw, Mich.
M. D., University of Michigan, 1893. *Medicine.*

ARTHUR J. DAVIS. Baltimore..
M. D., Atlantic Medical College, 1910. *Orthopedics.*

WILLIAM H. HODGE. Niagara Falls, N. Y.
M. D., Hahnemann Medical College, 1889. *Medicine.*

MARY B. HOOPER. Baltimore.
R. N., Union Protestant Infirmary, 1915. *Clinical Microscopy.*

JOHN GILL LILLY. Natchez, Miss.
M. D., Tulane University, 1899. *Nose and Throat.*

ROBERTO SANMARTIN. Bogota, Colombia, S. A.
M. D., Facultad de Ciencias Naturales y Medicina, 1917. *General Course.*

ERNEST O. SWARTZ. Cincinnati, O.
M. D., University of Cincinnati, 1905. *Genito-Urinary Diseases.*

KOMAO TSUGANE. Tokyo, Japan.
M. D., Tokyo University Hospital Medical College, 1911. *Physiology.*

CLAUDE F. YOUNG. Fort Scott, Kan.
M. D., University of Texas, 1912. *Genito-Urinary Diseases.*

(12)

REGISTER OF GRADUATES OF THE MEDICAL DEPARTMENT OF THE JOHNS HOPKINS UNIVERSITY

A—List of Doctors of Medicine of the Johns Hopkins University

B—Places of residence of the Medical Graduates of the Johns Hopkins University

C—Publications of the Instructors and Graduates of the Medical Department of the Johns Hopkins University

DOCTORS OF MEDICINE OF THE JOHNS HOPKINS UNIVERSITY

When no institution is mentioned, the degree or position refers to the Johns Hopkins University or the Johns Hopkins Hospital. *Deceased. R. H. O.=Resident House Officer. ⚑ = Military Service.

Students receiving degrees at other times than the Commencement in June are placed in a separate group at the end of each class list.

ALUMNI ASSOCIATION

On May 6th, 1910, the Johns Hopkins Medical School Alumni Association was organized for the purpose of preserving and fostering the devotion of the alumni to their alma mater. Two successful reunions have been held. It is intended that these gatherings be in Baltimore every three years, in connection with the sessions, in Washington, of the Congress of American Physicians and Surgeons, or at such times as the Executive Committee shall designate. The present officers are: President, Thomas R. Brown, '97, of Baltimore; Secretary, Walter R. Steiner, '98, 4 Trinity St., Hartford, Conn.; Treasurer, J. Albert Chatard, '03, of Baltimore; Executive Committee, Charles R. Bardeen, '97, of Madison; William G. MacCallum, '97, of Baltimore; Henry A. Christian, '00, of Boston; Rufus I. Cole, '99, of New York, and Albion W. Hewlett, '00, of San Francisco.

The name of each *Class Secretary* is placed at the foot of his class list.

1897

Bardeen, Charles Russell—A. B. Harvard 1892; Asst. Assoc. and Assoc. Prof. of Anat. 1897-04.—Prof. of Anat. and Dean Med. Sch. Univ. of Wisc. Madison.

Brown, Thomas Richardson—A. B. 1892: R. H. O. 1897-98; Asst. Phys. and Assoc. in Med. 1898-17.—Assoc. in Clin. Med. and Phys. in Chg. Gastro-Intest. Diseases; Asst. Visit. Phys. and Physician, Baltimore.

***Davis, Walter S.**—S. B. Amherst 1893; R. H. O. 1897-98.

Hamburger, Louis Philip—A. B. 1893; R. H. O. 1897-98; Assoc. and Phys. in Chg. Med. Clinic J. H. Disp. 1898-14. Attend. Phys. U. P. I., Hosp. for Women of Md., Church Home and Infirmary, Children's Convales. Home; and Assoc. in Clin. Med. and Dispen. Phys. and Physician, Baltimore.

Hunner, Guy LeRoy—S. B. Wisconsin 1893; R. H. O., Asst. Res. and Res. Gynecol. and Instr. 1897-02.—Assoc. in Clin. Gynecol. and Asst. Visit. Gynecol. Physician, Baltimore.

Lyon, Irving Phillips—A. B. Yale 1893: R. H. O. 1897-98.—Asst. Prof. Med. Univ. Buffalo; Attend. Phys. Buffalo Gen'l Hosp. and Physician, Buffalo, N. Y.

MacCallum, William George—A. B. Toronto 1894; R. H. O., Res. Bac. and Asst. Res. Pathol. 1897-00; Assoc. Prof. Pathol. 1900-08; Prof. Path. Physiol., Lec. in Forensic Med. 1908-09 and Res. Path. 1900-09; Visit. Pathol. Presbyterian Hosp. and Prof. Pathol. Columbia, N. Y. 1909-1917. —Prof. Pathol. J. H. U.

McBryde, Charles Neil — S. B. South Carolina 1891; M. S. Va. Polytech. Inst. 1892; Ph. D. George Washington 1911.—Sr. Bacteriol. Dept. of Agriculture, Washington, D. C.

Mitchell, James Farnandis—A. B. 1891; R. H. O., Asst. Res. and Res. Surg. and Instr. in Surgery 1897-92; Clin. Prof. Surg., Georgetown Univ.; Surg. Providence Hosp. and Surgeon, Washington, D. C.—Major, M. C., U. S. A., Ft. McPherson, Ga. ⚑

***Nichols, Joseph Longworth**—A. B. Harvard 1893; Fellow in Pathol. 1897-98; Student, Berlin 1898-99.—Pres. Bd. Trustees, S. L. Gen'l Hosp.; Treas. Soc. Control Tb. and Asst. in Lab. Saranac Lake, N. Y. (*Died June* 17, 1918).

Opie, Eugene Lindsay—A. B. 1893; R. H. O., Fellow, Asst. Instr. and Assoc. in Path. 1897-04. Mem. Rockefeller Inst. for Med. Research, N. Y.; Pathol. Presbyterian Hosp.; Co-editor Jour. Exp. Med. N. Y. 1904-10; Dean, Washington Univ. Med. Sch. 1912-15.—Prof. of Pathol. Washington Univ. Med. Sch. St. Louis; Major, M. C. ⚑

Packard, Mary Secord — A. B. Vassar 1892; Harvard Summer Sch. 1893; R. H. O. 1897-98; Physician Kingsley House (Coll. Settlement), Pittsburgh 1898-00; Pathol. New Eng. Hosp. Boston 1902-03.—Centredale, R. I.

Pancoast, Omar Borton—S. B. Swarthmore 1893; R. H. O. 1897-98; Res. Surg. Union Prot. Infirmary 1898-00.—Dispen. Surg. and Instr. in Clin. Surg.; Surgeon Baltimore.

Penrose, Clement Andariese—A. B. 1893; R. H. O. 1897-98.—Member Visit. Staff Church Home and Infirmary, and Physician, Balt.; Major, M. C.

Strong, Richard Pearson—Ph. B. Yale 1893, (Hon.) Sc. D. 1914; (Hon.) Sc. D., Harvard, 1916. R. H. O. 1897-98; Asst. Surg. U. S. Army, in charge Army Path. Lab. Manila, 1899-01; Chief Gov't Biol. Lab'y, U. S. A. Phys. in Chief, Philippine Gen'l Hosp. and Prof. Tropical Med. The Philippine Med. Sch. Manila, 1901-13.—Prof. Tropical Med. and Chief of Dept. Harvard Med. Sch. Boston; Major, M. C., Asst. Dir. Div. Laboratories and Infect. Dis.; in charge Subdiv. Infect. Dis., A. E. F. (15)

Class Secretary — Louis P. Hamburger, 1207 Eutaw Pl., Baltimore.

1898

Baer, William Stevenson—A. B. 1894; R. H. O. and Asst. Res. Surg. 1898-00; Asst. Inst. and Assoc. in Orthoped. Surg. 1900-10. — Visit. Orthoped. Surg. Cambridge Hosp., Union Prot. Infirmary, Church Home, Robt. Garrett Hosp. for Children and Home for Incurables; Surg. in Chg. Ortho. Disp. and Assoc. Prof. Clin. Ortho. Surg.; Member Alumni Council; Major, M. C. Base Hosp., France.

Calvert, William Jephtha—A. B. Kentucky 1893; 1st Lieut. and Asst. Surg. U. S. A. Fort McHenry 1898-02; Lect. Trop. Diseases, Washington Univ. St. Louis 1902-03; Prof. Phys. Diag. and Clin. Pathol. Univ. of Missouri 1903-09; Baylor Univ. Dallas, Texas 1910-11; Prof. Prevent. Med. Univ. of Mo. Columbia 1911-14.—Prof. Clin. Med. Baylor Univ. and Physician, Dallas, Tex.

*Cassidy, Patrick Joseph—A. B. Yale 1894; Asst. Res. Phys. Backus Hosp. 1898-99; Visit. Surg. Harris Mem. Hosp. 1899-06.—Visit. Pathol. and Surg. Backus Mem. Hosp.; Councilor Conn. State Med. Assn. and Physician, Norwich, Conn. (*Died Jan.* 28, 1918.)

***Coe, John Williams**—Ph. B. Yale 1893; Senior Asst. House Staff Presbyterian Hosp. N. Y. 1898-1899, and Res. Phys. 1899-00.—Asst. Clin. Pathol. Cornell Univ. and Physician, N. Y. (Died at New York, March 6, 1911.)

Dawson, Percy Millard — A. B. 1894; Fellow, Asst. Instr. Assoc. and Assoc. Prof. of Phys. 1898-09; Spec. Student, Harvard Div. Sch. Cambridge, Mass. 1909-10; Minister 1st Unitarian Church, Ann Arbor, Mich. 1910-12.—Asst. Prof. of Physiol. Univ. of Wis. Madison.

Elting, Arthur Wells—A. B. Yale 1894; R. H. O. 1898-99; Asst. in Pathol. Albany Med. Sch. 1899-00.—Surg. Child's Hosp., Albany Hosp.; Prof. of Surg. Albany Med. Sch. Surgeon, Albany, N. Y.; Major, M. C., A. E. F., Portsmouth, Eng.

Ford, William Webber—A. B. West'n Reserve, 1893; D. P. H. McGill 1900; R. H. O. 1898-99; Fellow, Pathol., McGill. Univ. 1899-01; Fellow, Rockefeller Inst. for Med. Research, Inst. for Infect. Dis. Berlin 1901-02, and J. H. U. 1902-03; Instr. and Assoc. in Bacteriol. 1903-06; Assoc. Prof. of Hyg. and Bacteriol. and Lect. in Legal Medicine 1906-1917; Lecturer in Hygiene and Assoc. Prof. Bact. Sch. Hygiene and Pub. Health.

Hastings, Thomas Wood—A. B. 1894; R. H. O. 1898-99; Surg. Hospital Ship "Maine" 1899-00.—Prof. Clin. Pathol. Cornell Univ. Med. Coll.; Asst. Attend. Phys. Bellevue Hosp.; Physician, N. Y.

Herrick, Alfred Birch—A. B. Williams 1894; R. H. O. 1898-99; Res. Phys. National Soldiers Home 1899-00; Res. Surg. Barnes Hosp. Washington, D. C. 1900-04; Chief Surg. Clinic, Ancon Hosp. C. Z. 1904-15.—Surg. Hosp. de Panama.

Knox, James Hall Mason, Jr. — A. B. Yale 1892, and Ph. D. 1894, A. M. Lafayette 1896; R. H. O., Asst and Instr. in Ped. 1898-09.—Asst. Visit. Pediatrician, Dispen. Phys. and Assoc. in Clin. Ped.; Phys. in Charge, The Thomas Wilson Sanitarium; Med. Direct. Babies Milk Fund Assn. and Physician, Baltimore; Member Alumni Council; Major, Amer. Red Cross Chldn's Bureau, France.

Langfeld, Millard—A. B. 1893. — Prof. Clin. Med. Creighton Med. Coll. 1912; Bacteriol. Omaha City B'd Health; Phys. St. Joseph's and Contagious Hospitals; Member Omaha Milk Com.; Physician, Omaha, Neb.

Light, Gertrude Underhill—S. B. Wisconsin 1894; Phys. Randall's Island Hosp. for Children N. Y. 1898-99; Dmnstr. Pathol. Wisconsin Coll. of P. and S. 1899-00; Clinical Asst. Bellevue Hosp. Disp. 1900-02.—Sanitary Inspec. Tenement House Dept. The Cosmopolitan Club, New York.

Madison, James Daniel—S. B. Wisconsin 1894; R. H. O. 1898-99; Asst. Res. Phys. Danvers Insane Hosp. Mass. 1899-02. — Visit. Phys. Milwaukee Hosp. Johnson Emerg. County and Columbia Hospitals Assoc. Med. Marquette Univ. Med. Sch. and Physician, Milwaukee.

Marshall, Harry Taylor — A. B. 1894; R. H. O. 1898-99; Fellow 1899-00; Asst. Res. Pathol. and Instr. in Pediatrics 1900-06; Pathol. Bureau of Science, and Prof. Pathol. and Bacteriol. Sec. and Registrar, The Philippine Med. Sch. Manila 1906-08.—Mbr. Tuber. Comm.; Prof. Pathol. and Bacteriol. Univ. of Va. Charlottesville.

Perkins, Roger Griswold—A. B. Union 1893, and Harvard 1894; Res. Pathol. Lakeside Hosp. Cleveland 1898-01; Lect. in Bacteriol. West. Reserve Med. Sch. Cleveland 1901-04; Asst. and Assoc. Prof. of Pathol. and Bacteriol. 1904-10.—Prof. of Hygiene and Preventive Med.; Chief Lab. Div. Health, Dept. Pub. Welfare, Cleveland.

Porter, Katherine — A. B. Bryn Mawr 1894; House Phys. and Asst. Surg. N. Y. Infirmary for Women and Children 1898-04; Externe Orange Mem. Hosp. Disp. 1900-07; Phys. Children's Aid and Protective Society of the Oranges 1899-15; Med. Insp. Orange Pubilc Schools, 1909-15.—c|o Internat. Bank. Co-op'n, Peking, China.

Pratt, Joseph Hersey — Ph. B. Yale 1894; A. M. Harvard 1901; Asst. Pathol. City Hosp. Boston 1898-00; Instr. Pathol. Harvard; Asst. Visit. Pathol. City Hosp. and Asst. Pathol. Children's Hosp. Boston 1900-02.—Instr. in Med. Harvard; Asst. Visit. Instr. in Med. Harvard; Consult. Phys. Brockton Hosp. and Rufus S. Frost Hosp. of Chelesa; Phys. Boston; Major, M. C.

Sands, Georgiana—A. B. Vassar 1893; Grad. Student, Barnard 1893-94; R. H. O. 1898-99—Physician, Port Chester, N. Y.

Schenck, Benjamin Robinson—A. B. Williams 1894; R. H. O., Asst. Res. and Res. Gynecol. and Instr. 1898-03.—Assoc. Prof. Gynecol. Detroit Coll. Med. and Surg.; Gynecol. Harper Hosp.; Consult. Obstet. Woman's Hosp. and Physician, Detroit.

Steiner, Walter Ralph—A. B. Yale 1892, and A. M. 1895; Grad. Student 1892-94; R. H. O. 1898-99; Asst. Visit. Phys. Hartford Hosp. Conn. 1905-07, Pathol. and Bacteriol. 1901-12; Sec. Conn. State Med. Soc. 1905-12.—Consult. Pathol. and Bacteriol. and Visit. Phys. Hartford Hosp.; Consult. Phys. Middlesex Hosp. and Hartford Orphan Asylum; Sec'y Cong. Amer. Physicians and Surgeons; Physician, Hartford.

Walker, Emma Elizabeth—A. B. Smith 1887.—Asst. Surg. Hosp. for Ruptured and Crippled; Mem. N. Y. Co. and State Med. Soc. N. Y. Acad. of Med., Woman's Med. Assn., Women's Med. Soc. of N. Y. State, Lect. for Amer. Soc. Sanitary and Moral Prophylaxis, and Physician, New York.

***Whitridge, Andrew Henderson**—S. B. Harvard 1894; R. H. O. 1898-99. (*Died, March* 19, 1912.) (22)

Class Secretary — William W. Ford, Woodbrook, Md.

1899

Brownell, Edward Erle—Ph. B. Yale 1895; R. H. O. 1899-00.—1700 Broadway St., San Francisco.

Buckler, Humphrey Warren—A. B. 1895; R. H. O. and Asst. in Obstet. 1899-06; Mem. State Tuberculosis Comm.; Attend. Phys. Md. Hosp. for Consumptives; Supt. Dr. H. A. Kelly's Private Hosp., and Physician, Baltimore.

Cole, Rufus Ivory — S. B. Michigan 1896; R. H. O., Asst. Res., Res. Phys. and Med. Adviser to Med. Students 1899-07; Asst. Phys.; Assoc. in Med. in Chg. Biol. Div. of Med. Clinic 1907-09.—Med. Director, Rockefeller Hospital, N. Y.; Contract Surg. U. S. A.; Mbr. Bd. for Investigation Pneumonia and Exec. Com. Div. Med. of Natl. Rsch. Council of Nat. Def.

Davis, John Staige—Ph. B. Yale 1895; R. H. O. 1899-00; Res. Phys. Union Protestant Infirmary 1900-03.—Dispen. Surg. and Instr. in Clin. Surg.; Asst. Visit. Surg. and Surgeon, 1200 Cathedral St., Baltiomre; Capt. M. C. (active duty).

Emerson, Charles Phillips—A. B. Amherst 1894; R. H. O.; Instr. in Med. and Asst. Res. Phys. in Chg. of Clin. Lab. 1899-05; Res. Phys.; Med. Adviser to Students and Assoc. in Med. 1905-08; Supt. Clifton Spgs. Sanitarium, N. Y. 1908-1911.—Dean and Prof. of Med. Indiana Univ. Sch. of Med. Indianapolis.

Epler, Blanch Nettleton—S. B. California 1895; House Phys. Randall's Island Hosp. for Children, and Interne N. Y. Infirmary for Women and Children 1899-00.—City Bacteriol. and Exam. for State Sanatorium for Tuberculosis; Instr. Anat. and Physical Exam. West State Normal, and Physician, Kalamazoo, Mich.

Erlanger, Joseph—S. B. California 1895; R. H. O.; Fellow in Pathol.; Asst. Instr. Assoc. and Assoc. Prof. of Physiol. 1899-06; Prof. of Physiol. Univ. of Wisconsin, Madison, 1906-10.—Prof. of Physiology, Washington Univ. St. Louis.

Evans, Philip Saffery, Jr.—A. B. Yale 1895; Intercollegiate Sec. Y. M. C. A. Balt. 1899-00; Clin. Asst. in Surg. 1900-01; Med. Missionary, Yang Chow, China, 1901-11; Prof. Pathol. Med. Dept. Univ. Nanking, Nanking, China 1911-17; Asst. in Physiol. 1917-18.—Prof. Physiol. Shantung Chrstn. Univ., Tsinanfu, China.

Follis, Richard Holden—Ph. B. Yale 1895; Externe; Asst. Res. and Res. Surg. and Instr. Assoc. in Surg. 1899-18.—Surg. in Chg. Disp. Assoc. Prof. Clin, Surg. and Asst. Visit. Surg.; Surgeon, Baltimore; Mbr. Dist. Bd. State Md.

Fulton, Frank Taylor—S. B. Knox 1894; A. B. 1895; Pathol. Interne, City Hosp. Boston 1899-00; Pathol. and Director Pathol. Lab. R. I. Hosp. 1900-09.—Visit. Phys. R. I. Hosp.; Consult. to Pawtucket Mem. Hosp., Prov. City Hosp. and Woonsocket Hosp. and Physician, Providence; Contract Surg., Camp Devens.

***Gallagher, James Daton**—A. B. 1895; Phys. Private Wards, Lakeside Hosp. Cleveland, 1899-00.

Harris, Henry—A. B. Stanford 1895; R. H. O. 1899-00.—Physician and Member Med. Ad. Bd. No. 5, San Francisco.

Hoye, Henry Joseph — A. B. Brown 1895; Surg. Interne, and House Surg. City Hosp. Boston 1899-01.—Asst. Visit. Surg. R. I. Hosp.; Surg. 221 Thayer St., Providence.

Ladd, Louis Williams—A. B. Yale 1895; Acting Asst. Res. Phys. 1899-00; Res. Phys. Lakeside Hosp. 1900-01.—Lect. Clin. Micro. Western Reserve Univ.; Clin. Microscopist, Lakeside Hosp. Cleveland.

***Little, Charles Sumner**—A. B. Wabash 1894, and A. M. 1903; Assoc. in Pathol. Central Coll. of P. and S. Indianapolis 1903-05; Lect. Pathol., Clin. Med. Purdue Univ.; Pathol. City Hosp. and Phys. to Day Nursery Indianapolis, Ind. 1905-07. (Died, December 13, 1913.)

Luetscher, John Arthur—S. B. Wisconsin 1895; R. H. O. 1899-00; House Phys. City Hosp. (South Dept.) Boston 1900-01; Asst. and Instr. in Med. 1905-13; Assoc. in Clin. Med. 1913-18.—Physician, Baltimore.

Lupton, Frank Allemong—S. B. Alabama Polytech. 1891, and M. S. 1892; Grad. Student 1893-94.—Member Com. of Health Jefferson Co.; Prof. of Obstet. Birmingham Med. Coll. and Obstet. Hillman Hosp. Birmingham, Ala.

Lynch, Frank Worthington—A. B. Adelbert 1895; Asst. Res. and Res. Obstet.; Chief of Obstet. Clinic and Assoc. in Obstet. 1899-03.—Asst. Prof. of Obstet. and Gynecol. Rush Med. Coll.; Attend. Obstet. and Gynecol. Presbyterian and St. Joseph's Hosps. 1906-15; Prof. Obstet. and Gynecol. U. of Calif. and Director Woman's Clinic, *ibid*, San Francisco.

Magee, Chester Lea — A. B. Stanford 1895, and A. M. 1896; Asst. Res. Phys. City Detention Hosp. Balt. 1899-00; Instr. San Diego Training Sch. for Nurses 1900-02; Asst. Surg. Santa Fe R. R. 1903-12; Assoc. in Physiol. Coll. P. and S. 1907-08.—Physician, San Gabriel, Cal.

Moore, Hugh Miller—B. Sc. and M. Sc. Miami 1895.—Physician, 103 Walnut St., Oxford, O.

***Ottley, Charles Williams**—A. B. Princeton 1893, and A. M. 1903; Traveling Secy. Student Volunteer Movement for Foreign Missions, N. Y. 1899-00; House Phys. Blackwell's Island, Dept. of Charities, N. Y. 1900-01; Prof. Biology, and College Phys. Robert Coll. Constantinople 1901-04; Phys. and Surg. Anatolia Coll. Hosp. Marsovan, Turkey 1904-05; Student, Vienna and Berlin 1905-06.

Owsley, Paul Octavius — Ph. B. Yale 1895; Asst. Res. Surg. St. Joseph's Hosp. Balt. 1899-01.—Instr. Clin. Gynecol. N. W. Med. Sch.; Attend. Surg. Cook Co. Hosp. and Physician, Evanston, Ill.

Pleasants, Jacob Hall—A. B. 1895; R. H. O. 1899-00; Asst. in Med. 1901-06.—Prest. Dept. Charities and Corrections; Dispen. Phys. and Instr. in Clin. Med.; Physician, Baltimore; Member Alumni Council.

Rosenheim, Sylvan—A. B. 1895; Asst. and Clin. Asst. in Laryng. 1903-07.—Laryngol. Hebrew, Eudowood and Jewish Hosp. for Consumptives; Aural Surg. Balt. Eye, Ear and Throat Charity Hosp.; Physician, Baltimore.

Sampson, John Albertson—A. B. Williams 1895; R. H. O. 1899-00; Asst. Res. and Res. Gynecol. and Asst. in Gynecol. 1900-04. — Gynecol. Albany Hosp. and So. End Disp. and Prof. Gynecol. Albany Med. Sch. and Physician, Albany, N. Y.

Steensland, Halbert Severin—S. B. Wisconsin 1895; Pathol. House Officer City Hosp. Boston 1899-00; Lect. Pathol. and Bact. and Director Pathol. Lab. Syracuse Univ. and Assoc. Prof. and Director 1900-08; Prof. Pathol. and Bact. and Director Pathol. Lab. 1908-12. — Prof. Pathol. and Dir. Pathol. Laby. Syracuse Univ. Syracuse, N. Y.

Stone, William Ridgely—A. B. Princeton 1895; Interne Blackwell's Island, Dept. of Charities, N. Y. City 1899-00; Asst. Visit. Obstet. Maternity Hosp. Blackwell's Island, 1900-16.—Physician, 73 W. 49th St., New York.

Strobel, Edgar Randolph—A. B. 1895; Externe 1899-00; Assoc. Prof. Dermatol. Univ. of Md.; Assoc. and Dispen. Dermatol.; Physician, 330 N. Charles St., Baltimore.

Verhoeff, Frederick Herman — Ph. B. Yale 1895; A. M. Harvard 1902; Externe; Asst. Surg. Balt. Eye, Ear and

Throat Charity Hosp. 1899-00; Asst. in Pathol. Harvard Med. Sch. 1900-02 and Instr. Ophthal. Path. 1907-16. Asst. Ophthal. Surg. Carney Hosp. 1902-06.—Pathol. and Ophthal. Surg. Mass. Charitable Eye and Ear Infirmary; Asst. Prof. Ophthal. Resch. Harvard, and Physician, Boston.

Williams, William Whitridge — A. B. 1895; Res. Phys. St. Joseph's Hosp. Balt. 1899-00; Asst. Univ. of Prague 1900-01; Asst. Pathol. Harvard 1901-03; Grad. Asst. O. P. D. Mass. Gen'l Hosp. 1903-05; Asst. in Pharmacol. West. Reserve Univ. Cleveland 1905-08; Director Webb Tuberculosis Research Lab. Colorado Springs 1908-11; Consult. Cragmor Sanitorium, Colorado Springs 1908-14.—Visit. Phys. City and Co. Hosp.; Pathol. Children's Hosp. Agnes Mem. San.; St. Luke's Hosp. and Orphans Home; Con. Bact. Nat'l Jewish Hosp. for Consumptives; Chrmn. Advis. Comm. Dept. Health; 1st Lt. Med. Res. Corps U. S. Army and Physician, Denver, Col.; Major, M. C. B. Hosp. 29, England.

Wyckoff, Sarah Delia—S. B. Wellesley 1894; R. H. O. 1899-00.—Attend. Phys. State Disp. for Tuberculosis; and Physician, Wilkes-Barre, Pa.

Yates, John Lawrence — Ph. B. Yale 1894; S. B. Wisconsin 1895; R. H. O., Asst. Res. Surg. and Asst. in Pathol. 1899-02; Asst. Dmnstr. Pathol. Univ. of Pa. 1902-03; Pathol. and Chief Surg. Asst. Augustana Hosp. Chicago 1904-06.—Surgeon, 141 Wisconsin St., Milwaukee.

Davis, Frank Curtiss—A. B. Amherst 1895.—Physician, 236 McKnight Bldg. Minneapolis, Minn. (*Degree granted December* 4, 1899.) (33)

Class Secretary—H. Warren Buckler, 806 Cathedral St., Baltimore, Md.

1900

Akerman, Joseph—A. B. Georgia 1894, and Grad. Student 1895-96; Res. Phys. and Surg. Presbyterian Hosp. Phila. 1900-02; Supt. Walker Mem. Hosp. Wilmington, N. C. 1902-06; Supt. Univ. Hosp. Augusta 1916-17.—Instr. Obstet. U. of Ga.

Allen, Herbert Williams—S. B. California 1896; R. H. O. 1900-01; Res. Phys. Lakeside Hosp. Cleveland 1901-02.—Asst. Prof. Clin. Med. Dept. Univ. of Calif. and Physician, San Francisco.

Austin, Mabel Fletcher—(Mrs. E. E. Southard), S. B. Minnesota 1893; Pathol. and Interne, City and County Hosp. St. Paul 1900-02; Pathol. New England Hosp. Boston 1903-06; Lect. Hygiene and Med. Director Wellesley Coll. 1906-08.—Cambridge, Mass.

***Beale, Alma Emerson**—A. B. Wellesley 1891; Marine Biological Lab. 1893; Externe 1900-01; Res. Phys. Evening Disp. for Working Women and Girls, Balt. 1900-01; Interne N. Y. Infirmary for Women and Children 1901-02; Health Officer and Phys. Schaghticoke, N. Y. 1902-12; Phys. Henry Watson Children's Aid Soc. Baltimore 1912-13. — Physician, Schaghticoke, N. Y. (*Died, Aug.* 31, 1915.)

***Bettmann, Milton** — A. B. Harvard 1897; R. H. O. 1900-01; Student, Univ. of Berlin 1901-02.

***Briggs, Evelyn**—A. B. Stanford 1896.

Brown, Lawrason — A. B. 1895; Res. Phys. Adirondack Cottage Sanitarium 1900-12; Attend. Phys. 1912.—Visit. Phys. Recep'n Hosp.; Chmn. Med. Comm. Trudeau Sanatorium, and Physician, Saranac Lake, N. Y.; Contract Surg. Camp Devens, N. Y.

Brulle, Herman—A. B. and S. B. Hampton-Sidney 1895; Grad. Student 1895-96; Externe 1900-01; Med. Agt. City Charities.—Physician, Fredericksburg, Va.

Burnam, Curtis Field—A. B. Central Univ. Ky. 1895; Grad. Student 1895-96; R. H. O., Asst. Res. and Res. Gynecol. 1900-04; Assoc. in Gynecol. 1904-14.—Surg. in Chief, Cambridge Hosp.; H. A. Kelly Hosp. and Physician, Baltimore.

Chittenden, Arthur Smith—A. B. Yale 1896, and A. M. 1899; F. A. C. S. House Surg. N. Y. Hosp. 1900-02.—Asst. in Pathol. Columbia 1903-04; Visit. Pathol. Lincoln Hosp. 1904-05.—Surg. Binghamton State Hosp. and Surgeon, Binghamton, N. Y.

Christian, Henry Asbury — A. B. and A. M. Randolph-Macon 1895, and Grad. Student 1895-96; A. M. Harvard 1903; Asst. Pathol. City Hosp. Boston 1900-02; Instr. Pathol. Harvard; Asst. Visit. Pathol. City Hosp. and Children's Hosp. Boston 1902-05; Asst. Visit. Phys. L. I. Hosp. 1905; Phys. in Chief Carney Hosp. Boston 1907-12; Dean Faculty of Med. Med. Sch. Harvard 1908-12.—Hersey Prof. Theory and Practice of Physic, Harvard; Phys. in Chief Peter Bent Brigham Hosp. and Physician, Boston.

Dancy, William Remshart—S. B. Georgia 1896; House Phys. (1900-01) and Surg. Seney M. E. Hosp. Brooklyn, N. Y. 1901-02; Grad. Student Universities Berlin and Vienna 1902-03; Res. Supt. Savannah Hosp. 1903-04.—Instr. Savannah Hosp. Tr. Sch. for Nurses and Telfair Hosp. Tr. Sch.; Member Attend. Staff, Savannah Hosp.; Member Board Sanitary Commissioners, and Physician, Savannah, Ga.; Capt. M. C. Camp Sheridan, Montgomery Ala.

Eggers, Augustus Hartje—Ph. B. Yale 1896.—Physician, 5815 Rural St., Pittsburgh, Pa.

Evans, Henry Courtney—A. B. Adelbert 1896; Interne Western Penna. Hosp. Pittsburgh 1901-02.—Physician, 300 N. Phelps St., Youngstown, O.

Fairbank, Rose — (Mrs. Rose Fairbank Beals), A. B. Smith 1895; Asst. Res. Phys. Hosp. Union Missionary Society, Jhansi, India 1901-05.—Physician, Amer. Morathi Mission Hosp. Wai, India.

Farrar, Clarence B.—A. B. Harvard 1896; Grad. Student Heidelberg 1902-04; Research Asst. Carnegie Inst. of Wash. 1904-06; Instr. in Psychiatry 1906-08; Asst. Phys. and Director Laboratory Sheppard and Pratt Hosp. Towson; Visit. Phys. City Detention Hosp. Bayview; Asst. Neurol. and Assoc. in Psychiatry, 1908-13; Asst. Phys. State Hosp.; Lect. Abnml. Psychol. Princeton; Visit. Neurol. Mercer Hosp. Trenton, N. J. 1913-16.—Med. Sup. Fettercairn Camp (Ont.) 1916; Capt. C. A. M. C., Psych. Mili. Hosp. Comm. of Cana. Ottawa.

Fisher, Arthur Lawrence—S. B. California 1896; R. H. O. 1900-01; Fellow Rockefeller Inst. for Med. Research 1901-02; Asst. Visit. Surg. Mt. Zion Hosp. 1902-08; Asst. in Surg. Cooper Med. Sch. 1907-12.—Asst. Orthoped. Surg. Med. Dept. Stanford, and Physician, San Francisco; Capt. Base Hosp. No. 30, A. E. F., France.

Fisher, William Alexander — A. B. Princeton 1896; R. H. O. 1900-01; Res. Phys. Union Protestant Infirmary Balt. 1901-02.—Visit. Surg. U. P. I., Church Home and Infirmary, Hosp. for Women of Md. and Children's Hosp.; Instr. in Clin. Surg., Dispen. Surg. and Surgeon, Baltimore; Major, M. C., A. E. F., France.

Fletcher, Howard—A. B. Randolph-Macon 1895, and Grad. Student 1895-96.—Physician, Fairfax, Va.

Flint, Joseph Marshall—S. B. Chicago 1895; A. M. Princeton 1900, and Yale 1907; Assoc. Univ. of Chicago 1900-01; Prof. Anat. Univ. of California 1901-07.—Prof. Surg. Yale Univ. New Haven, Conn.

Healy, William Patrick—Ph. B. Yale 1896; Interne N. Y. City Hosp. 1900-02; Gynecol. Interne Roosevelt Hosp. N. Y. 1902-03; Asst. Gynecol. Vanderbilt Clinic and Clin. Instr. Gynecol. Coll. P. and S. (N. Y.) 1903-08.—Asst. Surg. J. Hood Wright Hosp. 1908-12; Jr. Gynecol. Roosevelt Hosp.; Attend Gynecol. Misericordia Hosp.; Attend. Surg. Fordham Hosp.; Dean and Prof. Gynecol. Fordham Univ. Sch. of Med. N. Y.

***Hendrickson, William Faithful**—A. B. 1896; Asst. Dmnstr. Pathol. Univ. of Pennsylvania 1900-02.

Hewlett, Albion Walter—S. B. California 1895; House Phys. N. Y. Hosp. 1900-02; Asst. Prof. Princ. and Pract. of Med. Cooper Med. Coll. San Francisco 1906-08; Prof. Int. Med. and Director of Clin. Lab. Univ. of Mich. Ann Arbor 1908-1916.—Prof. Med. Stanford Univ. San Francisco.; Surg. U. S. N. R. F., Navy Base Hosp. No. 2.

Kellogg, William Crissey—A. B. Yale 1896; Res. Phys. Soldiers' Home, Washington 1900-01.—Clin. Prof. Eye, Ear, Nose and Throat, Univ. of Georgia and Physician, Augusta, Ga.; Mbr. Dist. Exempt. Bd.

Kyes, Preston — A. B. Bowdoin 1896, and A. M. 1900.—Prof. Preventive Med. Univ. of Chicago.

***Lebus, Leona**—S. B. Wellesley 1889.—Los Angeles, Cal. (*Died, November* 20, 1908.)

Lewis, Warren Harmon—S. B. Michigan 1894, and Asst. 1894-96; Asst. Instr. Assoc and Assoc. Prof. of Anat. 1900-13.—Prof. of Physiological Anatomy.

Little, Harry Wilson — S. B. Wabash 1896, A. M. 1905; House Phys. Maternity, City and Epileptic Hosps. Blackwell's Island, N. Y. 1901-03.—Prest. S. W. Little Coal Co. Evansville, Ind.

Lowell, Ellen Louise—(Mrs. A. D. Stevens), A. B. Stanford 1896; Res. Phys. N. Y. Infirmary for Women and Children 1900-02; Asst. Gen'l Med. Clinic, Presbyterian Hosp. Disp. 1902-03; Asst. Babies' Hosp. Disp. Chief of Children's Clinic, Harlem Hosp. Out-Patient Dept. N. Y. 1903-04.—Physician, 2050 Hill St., Jacksonville, Fla.

***MacCallum, John Bruce**—A. B. Toronto 1896; Asst. in Anatomy 1900-02; Asst. Prof. Physiology, Univ. of California 1902-06.

Marvell, Mary Wilbur—S. B. Wellesley 1894; Interne New England Hosp. Roxbury 1900-01.—Physician, Fall River, Mass.

Meltzer, Clara—(Mrs. John Auer), A. B. Barnard 1896; Grad. Student 1900-01; Research Scholar, Rockefeller Inst. for Med. Research; Ophthalmologist, Harlem Hosp. Disp. 1901-03; Clin. Asst. and Asst. Surg. N. Y. Eye and Ear Infirm. 1901-11; Ophthalmologist, N. Y. Infirm. for Women and Children 1908-13.—274 State St., Flushing, L. I.

Mosher, Clelia Duel — A. B. Stanford 1893 and A. M. 1894; Asst. and Instr. Hygiene, Stanford Univ. 1893-96; Gynecol. Asst. Dr. Kelly's Sanitarium, Balt. and Externe 1900-01; Spec. Asst. Palo Alto Board of Health for Study of Typhoid fever epidemic of April, 1903.—Asst. Prof. Personal Hygiene and Med. Adviser to Women,

Stanford Univ. and Physician, Palo Alto, Cal.; Assoc. Med. Dir. Bureau of Refugees and Relief, and Med. Investigator A. R. C., France.

Myrick, Hannah Glidden—A. B. Smith 1896; Interne New England Hosp. Roxbury 1900-01.—Res. Phys. and Supt. N. E. Hosp. for Women and Children, Roxbury, Mass.

***Oliver, Edward Spiller**—A. B. 1895.

Rand, Richard Foster—Ph. B. Yale 1895, and Grad. Student 1895-96; R. H. O. 1900-01; Res. Surg. Parker Hosp. Univ. of Missouri, Columbia 1901-02. —Asst. Surg'l and Gynecol. Clinics, Yale Univ. Asst. Obstet. New Haven Hosp. and Physician, New Haven, Conn.

Reed, Dorothy M.—(Mrs. Charles E. Mendenhall), B. L. Smith 1895; Grad. Student Mass. Inst. of Tech. 1895-96; R. H. O. and Fellow in Pathol. 1900-02; Res. Phys. Babies' Hosp. N. Y. 1902-06; Univ. Wis. Agr. Ext. Div. Hygiene 1914-18.—Chldn's Bureau, U. S. Dept. Labor, Washington, D. C.

Rusk, Glanville Yeisley—A. B. 1896; R. H. O. 1900-01; Asst. Physician, Sheppard and Pratt Hosp. Asst. in Psychiatry and Clinical Asst. in Neurol. 1902-03; Path. Institute, Ward's Island, N. Y. 1903-10.—Assoc. Prof. Pathol. Univ. of Calif. Berkeley.

Sabin, Florence Rena—S. B. Smith 1893, Sc. D. 1910, and Asst. in Zoology 1895-96; R. H. O. 1900-01; Holder Women's Fellowship in Anatomy 1901-02; Asst. Instr. Assoc. and Assoc. Prof. of Anatomy 1902-17.—Co-Editor, Anatomical Record and Prof. of Histol.

Sowers, William Francis Mattingly—A. B. Princeton 1896; R. H. O. Asst. Res. Res. Surgeon; Asst. and Instr. 1900-07.—Vis. Surg. Freedman and Providence Hosp. and Surgeon, Washington, D. C.

Stone, Ellen Appleton—A. B. Radcliffe 1895; A. M. Brown 1896; Interne Hosp. for Women and Children, Syracuse, N. Y. 1901-02; Res. Phys. Children's Hosp. Buffalo, N. Y. 1902-03; Phys. Med. O. P. D. for Children, R. I. Hosp. 1906-12. — Supt. Child Hygiene, Health Dept. Providence.

Warren, Mortimer—A. B. Bowdoin 1896; Assoc. Attend. Phys. Gouverneur Hosp. New York; Capt. M. C. Base Hosp. Camp Pike, Ark.

Woolley, Paul Gerhardt—S. B. Chicago 1896; R. H. O. 1900-01; Fellow in Pathol. McGill Univ. Montreal 1901-02; Pathol. Biol. Lab. and Director, Gov't Serum Lab. U. S. A. Manila, 1902-06; Chief, Siamese Gov't Serum Lab. Phrapatoom, Siam, 1906-07; Chief Inspr. Health and Med. Adviser, Dept. Interior, Bangkok, 1907-08; Assoc. Prof. Pathol. Anat. Univ. of Nebraska, Omaha, 1908-09; Dean, Faculty of Med. Univ. of Cincinnati, 1910-13.—Director Laboratories, Cincinnati Hosp. and Mary M. Emery Prof. Pathol. Univ. of Cincinnati, O.; Major M. C., Camp San. Insp. Camp Devens, Mass.

(43)

Class Secretary—Warren H. Lewis, 500 Hawthorne Road, Baltimore, Md.

1901

***Atherton, Alexander Montague**—A. B. Wesleyan (Conn.) 1897; Res. Phys. Charity Hosp. Blackwell's Island, N. Y. 1901-02. **Aug.* 28, 1903.

Baetjer, Frederick Henry—A. B. 1897; R. H. O. 1901-02; Assoc. in Actinography 1902-16.—Assoc. Prof. Clin. Roentgenology and Physician, Baltimore; Major, M. C., N. Y. Cty.

Baldwin, William Dwight—A. B. Yale 1897; House Phys. St. Luke's Hosp. N. Y. 1903-04.—Haiku, Maui, T. H.

Berry, John McWilliams—S. B. Cornell 1897; R. H. O. 1901-02.—Attend. Surg. and Roentgenologist, Albany Hosp. Asst. Ortho. Child's Hosp. Clin. Prof. Ortho. and Radiology, Albany Med. Coll. and Physician, Albany, N. Y.

Blakeslee, Walter Herbert—A. B. Amherst 1897, and A. M. 1903; Dr. P. H. Penna. 1913; Asst. Res. Phys. N. Y. Lying-in Hosp. (6 months); Asst. Med. Exam. Penna. R. R. Relief Dept. Philadelphia, 1902-08; Res. Episcopal Hosp. Philadelphia, 1908-09.—Med. Inspector, Dept. Labor and Indust. State of Penna. and Physician, 3328 N. 17th St., Philadelphia.

Bloombergh, Horace Deschamps—A. B. Lafayette 1897; First Lieut. Med. Corps, U. S. A. 1901-06; Capt. Med. Corps, U. S. A. 1907-11; Major 1911-16; Lieut.-Col. 1917-18; Col. N. A. 1918; Camp Dix, N. J.

Boggs, Thomas Richmond—S. B. Univ. of Georgia 1896, and Grad. Student 1896-97; R. H. O. and Acting Asst. Res. Phys. 1901-03; Asst. in Med. and Asst. Res. Phys. in charge Med. Bact. Lab. Asst. Res. Phys. in charge Clin. Laby. 1904-08; Assoc. in Medicine, Res. Phys. and Med. Adviser to Students 1908-11. — Assoc. Prof. Clin. Med. Asst. Visit. Phys. and Phys. in Chief, City Hosp. Bayview; Major, M. C., B. Hosp. No. 18.

Bosley, John Robert—A. B. Western Md. 1896, and A. M. 1901; Grad. Student 1896-97.—Lieut. Col. Med. Corps, U. S. A., 1403 Park Ave.

Bunting, Charles Henry—S. B. Wisconsin 1896, and Fellow 1896-97; R. H. O. 1901-02; Asst. Dmnstr. Pathol. Univ. of Pa. 1902-03; Instr. in Pathol.

1903-04; Pathol. Bayview Hosp. Asst. Res. Pathol. and Assoc. in Pathol. 1904-06; Prof. Pathol. and Pathol. Univ. Hosp. Univ. of Va. Charlottesville, 1906-08.—Prof. Pathol. Univ. Wisconsin, Madison; Consult. Path., Gas Defense Serv.; Mbr. Med. Adv. Bd. Lane Dist. Wis.

Butler, Joel Ives—Ph. D. Yale 1897; Act. R. H. O. 1901-02; Externe Surg. Pathol. and Asst. in Anat. 1902-03; Clin. Asst. G.-U. Surg. 1903-04; House Surg. Mass. Gen'l Hosp. Boston, 1904-05; Asst. Surg. Springfield and Mercy Hosps. Mass. 1905-09; Instr. in Surg. Yale Med. Sch. Asst. Surg. New Haven Hosp. 1909-11.—Attend. Surg. and Manager, The Arizona Hosp. Tucson, Ariz.; Capt. U. S. A., Ft. Des Moines, Iowa.

Carey, Harry Wardell—A. B. Yale 1897; Asst. Pathol. Bender Hygienic Lab. Albany, 1901-03; Instr. Physiol. Chem. 1908, and Physical Diag. Albany Med. School, 1909-11; Phys. in chg. Lake View San. 1910-1913.—Director, Cluett Pathol. Lab. Assoc. in Med. Samaritan Hosp. Instr. Med. Albany Med. Sch. and City Bacteriologist, Troy, N. Y.

Chace, Eleanor Sarah — (Mrs. Edward Herbert), S. B. Wellesley 1894, Interne Worcester Memorial Hosp. 1902.—Physician, 140 Purchase St., Fall River, Mass.

Comer, Robert Thornton—A. B. Alabama 1896; Grad. Student 1896-97.—Physician, First Nat'l Bank Bldg., Birmingham, Ala.

Connor, Guy Leartus—A. B. Williams 1897.—Neurol. Children's Free Hosp. Med. Dir. Bd. of Education, and Neurol. Detroit, Mich.

Connor, Ray — A. B. Williams 1897; House Surg. Manhattan Eye and Ear Hosp. N. Y. 1902-03.—Assoc. Clin. Prof. Ophthalmol. and Otology, Detroit Coll. of Med. and Physician, Detroit, Mich.: Capt. M. C., Gen. Hosp. No. 11, Cape May, N. J.

Drake, George Silas, Jr.—A. B. Yale 1897, Res. Phys. Union Protestant Infirmary, Balt. 1902-05; Assoc. Surg. St. Louis Free Skin and Cancer Hosp. 1905-09.—Surg. in chief, Social Service Hosp. and Surgeon, St. Louis.

Dutcher, Adelaide — S. B. Wisconsin 1897; Asst. Obstet. Hosp. for Women and Children, and Physician, Syracuse, N. Y.

Fowler, Harry Atwood—S. B. Minnesota 1895; R. H. O. and Clin. Asst. Genito-Urinary Diseases 1901-03.—Prof. G.-U. Diseases, Howard Univ. G.-U. Surg. Emergency and Freedman Hosps. and Surgeon, Washington, D. C.

Gay, Frederick Parker—A. B. Harvard 1897; Fellow, Rockefeller Inst. for Med. Research; Asst. Dmnstr. of Pathol. Univ. of Penna. 1901-03; Student, Institute Pasteur, Brussels, 1903-06; Bacteriol. Danvers Insane Hosp. 1906-07; Asst. and Instr. in Pathol. Harvard Med. School 1907-10.—Prof. of Pathol. Univ. of California, Berkeley; Majojr, M. C., Yale Army Lab. Sch.

***Graham, Neil Duncan**—A. B. 1897; Assoc. Prof. Hygiene and Prevent. Med. Howard Univ. and Physician, Washington, D. C. (*Aug.* 25, 1916.)

Hall, Gardner Wells—A. B. Harvard 1898; Clinical Asst. in Medicine, 1901-02.—Physician, 475 Beacon St., Boston.

Hamman, Louis Virgil—A. B. Rock Hill 1896; Grad. Student 1896-97; House Phys. New York Hosp. 1902-03; Attend. Phys. Md. Hosp. for Consumptives; Phys. in chg. Phipps Disp. 1905-15.—Assoc. Prof. of Clin. Med. and Acting Head of Department, and Physician, Baltimore.

Hastreiter, Rolland Frederick — S. B. Wisconsin 1897; R. H. O. and Clinical Asst. in Obstet. 1901-02; Asst. in Anat. Wis. Coll. of P. and S. 1903-04.—Physician, 718 Brockman Bldg., Los Angeles, Cal.

Hathaway, Joseph Henry—A. B. Iowa Coll. 1894, and Harvard 1896, and A. M. 1897; R. H. O. 1901-02; Res. Phys. The Glen Springs, Watkins, N. Y. 1902-03; Res. Pathol. Boston Free Hosp. for Women 1903-04; Instr. in Anat. Cornell 1905-09; Med. Exam. Cornell Univ. Gym. Ithaca, 1906-09; Prof. Anat. Univ. Louisville, 1909-13; Prof. Anat. Histol. and Embryol. Detroit Coll. Med. Hlth. Officer, Highland Park 1913-18; Physician, Highland Park, Mich.; Capt. M. C., S. G. O., Washington, D. C.

Hitzrot, James Morley—A. B. Princeton 1897; R. H. O. 1902; House Surg. New York Hosp. 1902-03.—Asst. Prof. Clin. Surg. Cornell Univ. Assoc. Attend. Surg. N. Y. Hospital; and Physician, New York; 1st Lieut. M. C.

Holden, Gerry Rounds—A. B. Yale 1897; House Surg. Roosevelt Hosp. N. Y. 1902-03; Res. Gynecolol. and Instr. in Gynecol. 1903-05.—Gynecol. St. Luke's Hosp.; Fla. State Hosp. for Insane, and Surgeon, Jacksonville, Fla.; Capt. M. C., Camp Shelby, Hattiesburg, Miss.

Hume, Edward Hicks—A. B. Yale 1897; John W. Garrett Internat. Fellow in Pathol. and Bacteriol. Univ. Coll. Liverpool 1901-02; Third Asst. Surg. and Clinical Asst. in Med. 1902-03, Act. Asst. Surg. U. S. Public Health and Marine Hosp. Service, and Research Worker, Government Laboratory, Parel, Bombay, India, 1903-05.—Physician in chief, Hosp. of Yale Coll. Changsha Hunan Prov. China.

Johnston, William Bernard—A. B. Harvard 1897; Asst. Res. Pathol. 1901-02. (Europe.)

Kaufman, Harry M.—A. B. 1897; Res. Phys. Jewish Hosp. Philadelphia, 1901-02.—Consult. Phys. German Orphan Asylum; Attend. Physician, Ruppert Home; Attend, Staff Central Disp. and Emergency Hosp. and Physician, Washington, D. C.

Lamson, Theodore—Ph. B. Yale 1897; Asst. Res. Phy. Barnes Hosp. Washington, 1901-02; Capt. Med. Corps. U. S. Army, Columbus, N. M.

Lewis, Dwight Milton—A. B. Yale 1897; Med. House Officer, City Hosp. Boston, 1901-03.—Pathol and Asst. Visit. Phys. Hosp. of St. Raphael; Bacteriol. Board of Health, and Physician, New Haven, Conn.

Longcope, Warfield Theobald — A. B. 1897; Res. Pathol. Penn. Hosp. Philadelphia, 1901-03; Director, Ayer Clinical Lab. Penna. Hosp. 1904-10; Asst. Prof. Applied Med. Univ. of Penna. Philadelphia, 1909-11; Assoc. Prof. Med. Columbia Univ. and Assoc. Attend Phys. Presby. Hosp. 1911-14.—Bard Prof. Med. Columbia, and Dir. Med. Service Presbyterian Hosp. N. Y.; Lt.-Col. N. A., S. G. Office, Washington, D. C.

Maddren, William Harvey—S. B. Brooklyn Polytech. Inst. 1896; Grad. Student 1896-97.—Visit. Surg. Brooklyn State Harbor Hospitals, and Brooklyn State Hosp. for Insane; Consult. Surg. Bush Terminal Hosp. and Physician, Brooklyn and N. Y. City.

Moore, Elizabeth Sutton—(Mrs. G. L. McKinney), S. B. Wilson Coll. Pa. 1895; Grad. Student, Cornell 1896-97; Interne, New England Hosp. Boston, 1901-02; Pathol. Passavant Hosp. 1903-08. — Physician, Panama Canal Zone.

Parker, Henry Pickering—A. B. 1896; Demonstrator of Pathol. and Bacteriol. Western Reserve Univ. 1901-02; Res. Pathol. Lakeside Hosp. Cleveland, 1902-03; Interne, Union Protestant Infirmary, Balt. 1903-04; Clinical Asst. in Med.; Res. Physician, Robt. Garrett Hosp. for Children, 1904-05; Asst. to the Prof. of Clin. Med. Georgetown Med. Sch. Asst. in Diseases of Throat and Chest, Emergency Hosp. 1905-08.—Prof. Med. Howard Univ. and Visit. Phys. Freedman's Hosp. and Physician, Washington, D. C.; Major, M. C.

Pabel, Maurice J.—S. B. Chicago 1897; R. H. O. 1901-02.—Physician, 25 E. Washington St., Chicago.

Pilter, John Cleveland—A. B. Yale 1897; House Phys. St. Luke's Hosp. N. Y. 1901-02; Res. Phys. N. Y. Lying-in Hosp. 1903-04.—Visit. Phys. St. Louis Skin and Cancer Hosp. and City Hosp. and Physician, St. Louis.

Simis, Mabel Palmer—(Mrs. H. L. Ulrich), S. B. Cornell 1897.—Supervisor, Edin. Soc. Hygiene, State Bd. Health; Physician, 1718 Oliver Ave., S., Minneapolis, Minn.

Slemons, Josiah Morris—A. B. 1897; A. M., (Hon.) Yale, 1915; R. H. O. and Clin. Asst. in Obstet. 1901-02; Asst. Res. and Res. Obstet. 1902-04; Instr. Assoc. and Assoc. Prof. of Obstet. 1904-13; Prof. of Obstet. and Gynecol. Univ. of California 1913-15. Prof. Obstet. and Gynecol. Yale, New Haven.

Smith, Herbert Meloy—A. B. Roanoke 1892, and A. M. 1897; Grad. Student, 1894-95; Lt. and Capt. Med. Corps, U. S. A. 1901-10 and Hospital Service, Philadelphia, 1911.—Health Officer, Richland Co. and Physician, Columbia, S. C.

Spratt, Charles Nelson—S. B. Minnesota 1897; R. H. O. 1901-02; House Surg. New York Eye and Ear Infirmary, 1902-03; House Surg. Mass. Charitable Eye and Ear Infirmary, Boston, 1903-05.—Oculist, Minneapolis, Minn.

Steinfeld, Albert Louis—A. B. 1897; Director, Histol. and Pathol. Laboratories, and Res. Phys. Lucas Co. Hosp. Toledo, O. 1901-02; Prof. Histol. and Pathol. Toledo Med. Coll. 1903-04; Lect. in Ear, Nose and Throat, Toledo Med. Coll. 1906-11.—Physician, 237 Michigan St., Toledo, O.

Swett, Carlotta Mary—(Mrs. C. H. Bunting), A. B. Wellesley 1896; Grad. Student, Maine State Coll. 1896; Interne New England Hosp. Boston, 1901-02. — Madison, 2020 Chadbourne Ave., Wis.

Ulrich, Henry Ludwig—S. B. Rutgers 1897.—Chf. Staff, Univ. Div. City Hosp., Assoc. Prof. Med. Univ. of Minnesota, and Physician, Minneapolis; Capt. M. C.

Underhill, Albert James—A. B. 1897.—Externe in Surg. Assoc. Prof. and Chf. G.-U. Clin. U. of Md. Attend., G.-U. Surg. Univ. Hosp. Consult. G.-U. Surg. St. Joseph's German Hosp. and Physician, Baltimore.

Walker, Marian Bartholow—(Mrs. Marian Walker Williams), A. B. Radcliffe 1898; Phys. Babies' Hosp. N. Y. 1901-02; Phys. Hartford, Ct. 1902-11.—Asst. Res. Phys. St. Luke's San. and Physician; Lect. Social Moral Dept. Tr. Camp Activities, Phoenix, Ariz.

Warfield, Louis Marshall—A. B. 1897; R. H. O. and Asst. Res. Phys. Thomas Wilson Sanitarium, 1901-02; Instr. Clin. Micros. Washington Univ. Med. Sch. St. Louis, 1905-09; Asst. Supt. in charge Med. Serv. Milwaukee Co. Hosp.—Prof. Med. Marquette Univ. Med. Sch. Ed. *Wisc. Med. Jour.* and Physician, Milwaukee.

Warren, George William—A. B. 1897.—Physician, 117 E. 62d St., New York.

Watts, Stephen Hurt—A. M. Randolph-Macon 1896; Student, Univ. of Virginia 1896-97; R. H. O. Asst. Res. and Res. Surg. 1901-07.—Prof. of Surg. Univ. of Virginia, and Surg. in chief Va. Hosp. Charlottesville.

Wells, Ernest Alden—A. B. Yale 1897; F. A. C. S., 1914. House Surg. N. Y. Hosp. 1901-02.—Attend. Surg. to Hartford Hosp. and Surgeon, Hartford, Conn.

***Wells, Mabel**—A. B. Wellesley 1896; Student, Univ. of Zürich 1897.

West, John Montgomery—A. B. 1896; Student, Universities of Berlin, Vienna and Halle, 1902-06; Asst. in Laryngol. and Rhinol. 1907-10.—Rhinolog. Klinik-Silex, Physician, Berlin, Germany.

Winne, Charles Knickerbacker, Jr.—A. B. 1897; Externe, 1901-02; Act. R. H. O.; Asst. Res. Phys. Thos. Wilson Sanitarium, 1902-03; Asst. Bender Hygienic Lab. Albany, N. Y. 1903-05.—Instr. of Med. Albany Med. Coll. Asst. Attend. Phys. Contagious Dept. Albany Hosp. Attend. Phys. Child's Hosp. So. End Disp. and Albany Orphan Asylum, Med. Asst. Bureau of Health, and Physician, Albany.

(53)

Class Secretary—Louis V. Hamman, 714 Park Ave., Baltimore.

1902

Auer, John—S. B. Michigan 1898; R. H. O. 1902-03; Instr. Physiol. Harvard Med. Sch. 1906-07; Ast. and Assoc. Rockefeller Institute, 1907-09.—Assoc. Member, Rockefeller Institute for Medical Research, N. Y.

Briggs, John Bradford, Jr.—S. B. New York Univ. 1898; R. H. O. and Asst. in Med. 1902-04.— Assoc. in Pathol. George Washington Univ. and Disp. and Physician, Washington, D. C.

Browne, Bennett Bernard, Jr. — A. B. 1898; Asst. Ophthal. Balt. Eye, Ear and Throat Charity Hosp. 1903-06.—Clin. Asst. Ophthal. and Otol. Consult. Phys. Emergenry Hosp. Annapolis, and Physician, Baltimore and Annapolis.

Bruns, Robert Martin—A. B. Virginia 1896; Grad. Student, 1897-98; Asst. Res. Phys. Springfield State Hospital, Sykesville, Md. 1902-03.—Med. Exam. Fidelity & Casualty Co. N. Y., 138 E. 38th St., N. Y.; Capt. C. A. M. C., C. E. F.

Bryan, William Morgan Case — A. B. Washington Univ. 1897; M. S. Michigan, 1898; Res. Phys. German Hosp. Philadelphia, 1902-04; Instr. Clin. Micros. and Chem. Med. Dept. St. Louis Univ. 1904-05.—Instr. Ear, Nose and Throat Diseases, *ibid.* 1908-15; Asst. Laryn. and Rhin. Wash. Univ. and Surg. O. D. P. *ibid;* Consult. Oto-Laryngol. to Alexian Bros. Hosp.; Consult. in Oto-Laryn. St. John's Hosp.; Memb. Am. Acad. Ophthalmol. and Oto-Laryn. Fellow Amer. Coll. Surg. and Physician, St. Louis; Fellow, A. M. A.

***Bush, Camillus**—S. B. California 1898; R. H. O. Visit. and Asst. Res. Surgeon, 1902-04.—Surg. F. A. C. S., St. Helena Sanitarium; Instr. in Surg. Univ. of Calif. and Surgeon, San Francisco. **May* 28, 1910.

Churchman, John Woolman—A. B. Princeton 1898; A. M. 1901; A. M. (Hon.) Yale, 1915; R. H. O. and Clin. Asst. G.-U. Surg. 1902-05; Voluntär Asst. Surg. Clinic, Breslau, 1905-06; Asst. Res. Surgeon, 1906-09; Res. Surg. and Instr. in Surg. 1909-12; Medicin-chef Hosp. Militaire, 32bis France, Mar.-July, 1916.—Prof. Surgery, Yale, and Visit. Surg. New Haven Hosp. New Haven; 1st Lieut. M. C.; Pres. Conn. State Ex. Bd. for M. C.

Clarke, Thomas Wood—A. B. Harvard 1899; R. H. O. 1902-03; Res. Phys. Lakeside Hosp. Cleveland, 1903-05; Vol. Asst. Charite Krankenhaus Berlin, 1905-06; Act. Clin. Asst. Children's Hosp. and Research Student, St. Bartholomew's Hosp. London, 1906-07; Fellow, Rockefeller Inst. N. Y. 1907-08; Clin. Asst. Vanderbilt Clinic, 1907-10; Asst. in Pediatrics, Columbia, and Asst. Editor *Medical Record*, 1909-10.—Phys. in Chg. Utica Babies' Pure Milk and Health Sta. 1912.—Attend. Pediatrist, Faxton and St. Eliz. Hosp. Med. Director Baby Welfare Comm. of Utica, and Physician, Utica, New York.

Cook, Henry Wireman—A. B. 1898; R. H. O. 1902-03; Late Asst. Res. Thos. Wilson Sanitarium.—Visit. Phys. Sr. Staff Memorial Hosp. and Univ. Hosp. Lect. in Med. Univ. of Minnesota, and Physician, Minneapolis.

Coons, Jacob Jones—S. B. Ohio Wesleyan 1898; Clin. Asst. in Med. Asst. Res. Surg. N. Y. Lying-in Hosp. 1902-03; Asst. Res. Surg. Kensington Hosp. Phila. 1903-04.—Asst. Prof. Med. Ohio State Univ. Pathol. Mt. Carmel Hosp. and Physician, Columbus, Ohio.

Dohme, Gustavus Charles—A. B. 1898; Prof. Chemistry, Maryland Med. Coll. 1905-12.—Physician, 3014 St. Paul St., Baltimore.

Dolley, David Hough—A. B. Randolph-Macon 1897, and A. M. 1898; Res. Pathol. St. Vincent's Charity Hosp. 1902-03; Asst. Dmnstr. Pathol. West. Reserve Univ. and Res Pathol. Lakeside Hosp. Cleveland, 1903-04; Prof. Histol. and Pathol. Univ. of N. C. Chapel Hill, 1906-10.—Prof. Pathol. Univ. Missouri, Columbia.

Duffy, Ralph—A. B. 1898; Pathol. Western Penna. Hosp. Pittsburgh, 1902-08; Res. Surg. Franklin Sq. Hosp.

Baltimore, 1908-09; Surg. Scotland Sanitorium, Lawrinburg, N. C. 1909-11.—Physician, Lakeland, Fla.; Capt. M. C., Camp Johnston, Fla.

Dunlop, John — S. B. Princeton 1898; Asst. Res. Phys. Thos. Wilson Sanitarium, 1902; Externe in Surg. 1902-03; Asst. Res. Phys. U. P. I. Balt. 1903; Orthopedic House Officer, Carney Hosp. Boston, 1904-05.—Ortho. Surg. Children's Hosp. and Freedman's Hosp. Prof. Orthopedic Surg. Georgetown Univ. and Physician, Washington, D. C.

Erving, William Gage—A. B. Yale 1898; Orthopedic House Surg. Carney Hosp. Boston, 1902-03. — Ortho. Surgeon, Providence, Freedman's and Children's Hospitals, and Prof. Ortho. Surg. Howard Univ. and Physician, Washington, D. C.

Ferry, Newell Simmons—Ph. B. Yale 1898; Asst. Res. Surg. Barnes Hosp. Washington, D. C. 1902-03; Biol. Pathol. City Hosp. and Phys. Memphis, Tenn. 1903-08.—Biol. and Research Dept. Parke, Davis & Co. Detroit, Mich.; Major, M. C., S. G. O., Washington. D. C.

Foster, Nellis Barnes—S. B. Amherst 1898; Res. Phys. N. Y. Hosp. 1904-05; Instr. and Assoc. in Biol.-Chem. Columbia, 1906-12; Assoc. Phys. N. Y. Hosp. 1907-16; Asst. Prof. Med. Cornell Univ. Sch. Med. and Physician, New York 1914-16.—Prof. Medicine, U. of Mich., Ann Arbor; Major, M. C., Camp Meade.

Francis, William Willoughby — A. B. 1898; Secy.-Treas. Canadian Med. Assn. Asst. Ed. *C. M. A. Jour.* Montreal, Canada; Capt. Can. Army Med. Corps No. 3 Can. Gen'l Hosp. British Exped. Force.

Frankenthal, Maurice Albert — A. B. Washington Univ. 1898.—Assoc. Visit. Phys. Jewish Hosp. Pathol. Bethesda Homes, Asst. in Surg. Washington Univ. Hosp. and Physician, St. Louis.

Glenny, W. Harry—Ph. B. Yale 1894; Asst. Attend. Phys. and Supervisor of Records, Buffalo Gen'l Hosp. Attend. Phys. Tuberculosis Dispen. and Phys. Buffalo, N. Y. 1902-11.—Bond Broker, Buffalo.

Hardy, Clarence Foster—B. L. Wisconsin 1891; Interne, Mercy Hosp. Pittsburgh (four months).—Physician, 848 Marshall St., Milwaukee.

Haviland, Morrison LeRoy—Ph. B. Union 1898; Res. Surg. Society Lying-in Hosp. N. Y. and Res. House Officer, 1902-03.—Attend. Phys. Glens Falls Hosp. and Physician, Glens Falls, New York; Capt. M. C.

Haynes, Mabel Stevens — (Mrs. Rudolf Leick), A. B. Bryn Mawr 1898; Asst. Disp. Mass. Gen'l Hosp. 1902-03; Student of Med. Vienna, 1904-05; Dermatol. Wilkes St. Free Disp. and Trinity Disp. Boston, 1906-07. — Vienna, Austria.

Hirshberg, Leonard Keene—A. B. 1898, A. M. Loyola 1912.—Physician, 1937 Madison Ave., Baltimore.

Horst, Carl Herman — A. B. Stanford 1898; R. H. O. 1902-03; State Bacteriol. Montana, 1904-05; Res. Phys. Insane Asyl. State of Montana, 1905-06; City Health Officer and Phys. and Surg. Butte, Mont. 1906-1916.—Physician, Oakland, Cal.

Hyman, Solomon—S. B. California 1898; House Surg. Mt. Sinai Hosp. N. Y. 1903-05; Adjunct Surg. Mt. Zion Hosp. 1905-10; Instr. in Surgery, Cooper Med. Coll. 1905-12; Clin. Instr. in Surg. Stanford Univ., 1912-13.—Instr. Surg. U. of Calif.; Surgeon, 135 Stockton St., San Francisco.

Jelke, William Frederick—Ph. B. Yale 1898; Asst. Res. Surg. Lakeside Hosp. Cleveland, 1902-03; Dmnstr. in Anat. Cornell, 1904-05.—Physician, Clinton Springs Ave., Cincinnati.

Jones, Thomas Monroe—A. B. Indiana Univ. 1898; Student, Heidelberg, Germany, 1894-97; House Officer, St. Mark's Hosp. N. Y. 1902-03; Interne, King's Co. Hosp. Brooklyn, 1903-05; Graduate Student, Vienna, Austria, 1909-10.—Surgeon, Union Bldg., Anderson, Ind.

Karsted, Alfred—A. B. Stanford 1898; House Surg. German Hosp. N. Y. 1902-04; Res. Phys. Murray Hosp. Butte, 1907-11.—Physician, Butte.

Kimball, Arthur Herbert—S. B. Amherst 1897, and A. M. 1903; F. A. C. S. 1914; Res. Phys. Eye, Ear and Throat Charity Hosp. Baltimore, 1902-03.—Visit. Oculist, Government Hosp. for the Insane; Jr. Attend. Surg. Episcopal Eye and Ear Hosp. and Phys. Washington, D. C.

Lehr, Louis Charles—A. B. 1898; Clinical Asst. G.-U. Surg. and Asst. in Gynecol. Dr. Kelly's Sanitarium. 1902-04.—Physician, 1737 H St. N. W., Washington, D. C.

L'Engle, Edward McCrady — A. B. St. John's 1897; Grad. Student, 1897-98; Asst. Res. Phys. Phila. Polyclinic Hosp. 1902-03; Pathol. Polyclinic Hosp. Dmnstr. Pathol. Medico-Chir. Coll. Asst. Pathol. Phila. Hosp.—Physician, 2756 St. John Ave., Jacksonville, Fla.

Litchfield, George Victor, Jr. — A. M. Randolph-Macon 1897; Phys.-Surg. Lick Creek and Lake Erie R. R. and Dawson Coal and Coke Co. St. Paul, Va. 1902-03; Surg. N. and W. R. R. Tidewater, Bottom Creek, King Coal Co. and Big Four C. and C. Co. and Laurel Creek Lumber Co. Kimball W. Va. 1908.—Physician, Abingdon, Va.

Lootz, Emma—(Mrs. W. G. Erving), A. B. Smith 1897.—Physician, 922 Farragut Sq., Washington, D. C.

Ludlum, Seymour DeWitt—S. B. Rutgers 1897; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1902-03; First Asst. Res. Phys. Friends' Asylum for the Insane, Frankford, 1903-06.—Assoc. in Neurol. and Neuropathol. Univ. of Penna. and Phys. Psycho-Path. Wds. Phila. Hosp. Phila.

Lyle, Annie Galloway—A. B. Stanford 1895; Asst. Voluntär, Vienna, 1902-03; Asst. Children's Clinic, Univ. of Calif. 1904-05; Phys. Juvenile Court, 1905-11.—Phys. to Board of Education, and Physician, 1150 Franklin St., San Francisco.

MacGregor, George Malcolm—S. B. Wisconsin 1894; R. H. O. Church Home and Infirmary. Balto. 1905-07.—Physician, Kent, Wash.

Marshall, Samuel Andrew—A. B. Yale 1898; Surg. House of Relief, N. Y. Hosp. 1902-03.—Asst. Attend. Phys. St. John's L. I. City Hosp. and Physician, L. I. City, New York.

McFarland, John Scott — Ph. B. Yale 1898.—Physician, 193 Cleveland Ave., Buffalo, N. Y.

Meisenhelder, Edmund Webster—A. B. Penna. Coll. 1898; Harvard Summer School, 1898; R. H. O. 1902-03; Interne, Barnes Hosp. U. S. Soldiers' Home, Washington, D. C. 1903-04; Res. Phys. Lakeside Hosp. Cleveland, 1904-05; Graduate Student, Europe, 1909-10.—Surg. W. Side Sanitarium, York, Pa.

Meisenhelder, John Elmer—S. B. Penna. Coll. 1897; Grad. Student, 1897-98; House Surg. Moses Taylor Hosp. Scranton, Pa. 1903-04; Res. Surg. Hosp. U. S. Soldiers' Home, Washington, D. C. 1904-10; Grad. Student, Charite Hosp. Berlin, Germany, Univ. of Vienna and Univ. Hosp. London, 1910-11. — Physician, 28 Frederick St., Hanover, Pa.

***Ocshner, Henry William**—S. B. Wisconsin 1898; R. H. O. 1902-03. **Nov.* 25, 1902.

Reede, Edward Hiram—A. B. Cornell 1898; Asst. Res. Phys. St. Luke's Hosp. N. Y. 1903.—Phys. Bd. Chdn's Guardians, and Physician, Washington, D. C.

Riggins, Edwin Nicholas—A. B. Williams 1897; Interne, House of Relief, N. Y. Hosp. 1903-04.—Adjct. Attend. Physician and Registrar, St. Mary's Hosp. Phys. Out-Patient Dept. Mem. Hosp. and Physician, Orange, N. J.; 1st Lt. M. C., Camp Shelby, Miss.

Rogers, Carey Pegram — A. B. Wake Forest 1897; Grad. Student, 1897-98; (F. A. C. S.) R. H. O. 1902-03.—Gyne. St. Luke's Hosp. Surg. in Chf. Riverside Hosp., Jacksonville, Fla.

Rushmore, Stephen—A. B. Amherst 1897; Externe, 1902-03; Asst. Res. Gynecol. 1903; House Phys. Hudson St. Hosp. N. Y. 1904; House Surg. St. Mary's Hosp. for Children, N. Y. 1905; Res. Gynecol. 1905-06; House Officer, Boston Lying-in Hosp. 1907.—Visit. Gynecol. Carney Hosp. Boston; Assoc. Prof. Gynecol. Tufts Coll. Med. Sch. Consult. Gynecol. Symmes' Arlington Hosp. and Physician, Boston.

***Scholl, George Barr**—A. B. 1898; Externe, 1902-03, in chg. Lab. Balt. Eye, Ear and Throat Hosp. 1913-14; Pathol. Franklin Sq. Hosp. Health Officer and Physician. (*Died July* 9, 1914.)

Silverberg, Melville—A. B. California 1897; Asst. in Physiol.-Chem. Cooper Med. Coll. San Francisco, 1902; House Officer, City Hosp. Boston, 1903-04; Prof. G.-U. Coll. P. and S. 1909-15.—Physician, 209 Post St., San Francisco.

Simpson, John Nathan—A. B. Nashville 1893; Student Paris and Berlin, 1905.—Member Amer. Acad. Med. Prof. of Physiol. Dean of School of Medicine, West Virginia Univ. Dir. Hgy. Lab. State Board Health, Morgantown.

Steele, Harry Merriman—Ph. B. Yale 1894; Asst. in Ped. Univ. and Bellevue Hosp. Med. Coll. N. Y. 1902-04; Asst. in Pathol. Yale Med. Sch. 1902-07.—Instr. in Ped. Yale, and Asst. Attend. Phys. New Haven Hosp. and Physician, New Haven.

Tallant, Alice Weld—A. B. Smith 1897; Grad. Student, Mass. Inst. of Tech. 1897-98; Interne, New England, Hosp. Boston, 1902-03; Med. Exam. for the Gymnasium, Bates Coll. Lewiston, Me. 1903-05; Asst. Phys. Disp. of New Eng. Hosp. 1904-05.—Prof. of Obstet. Woman's Med. Coll. of Penna. and Obstet, in chief to Hosp. of Woman's Med. Coll. Phys. Girls' Dept. Glen Mills Schools, and Physician, Phila.—Asst. Dir. Smith Coll. Rel'f. Unit in France; Amer. Women's Hosp. Assn., France.

Van Arsdall, Condit Brewer—A. B. Kentucky Wesleyan 1894, and A. M. 1898; A. B. Michigan 1898.—Physician, 527 Poplar St., Harrodsburg, Ky.

Van Denburgh, John — A. B. Stanford 1894, A. M. 1895, and Ph. D. 1897; Hon. Curator, Dept. of Science; Act. Chief Children's Clinic, San Francisco Polyclinic, 1902-03; Visit. Phys. King's Daughter's Home for Incurables; Asst. Visit. Gynecol. St. Luke's Hosp. Surg. Telegraph Hill Neighborhood Assn. 1904-06.—Asst. Surg. San Francisco Polyclinic, and Physician, San Francisco.

Wight, Otis Buckminster—A. B. Stanford 1898; R. H. O. 1902-03.—Asst. Prof. Gynecol. Univ. of Oregon, and Physician, Portland; Capt. M. C., Base Hosp. No. 46, A. E. F.

Williams, Clara Louise—S. B. California 1897, and M. S. 1898; Interne, St. Luke's Hosp. San Francisco, 1902-03.—Physician, Berkeley, Cal.; Amer. Red Cross, Paris, France.

Williams, Dudley—A. B. 1897; Grad. Student, 1897-98; Grad. Student (Pathol.), Harvard Med. School, 1902-03; Asst. Phys. and Phys. Baltimore, 1903-13.—Asst. Med. Exam. P. R. R. Balto.

Wright, Charles Benjamin—A. B. North Dakota 1898; R. H. O. 1902-03.—Chief Staff, Wells Mem. Free Disp. Visit. Phys. Minn. City Hosp. and Physician, Minneapolis. (57)

Class Secretary—William G. Erving, 922 17th St., Washington, D. C.

1903

Bassett, Victor Hugo—A. B. Knox 1896; Grad. Student, Wisconsin and Michigan, 1897-98; Instr. in Bact. and Clin. Pathol. Northwestern, Chicago, 1903-04; Fellow in Pathol. 1904-05; Prof. Pathol. Wisc. Coll. P. and S. 1905-06; Assoc. Prof. Pathol. Milwaukee Med. Coll. and Asst. Supt. and Res. Pathol. Milwaukee Co. Hosp. Milwaukee, 1906-08.—Bacteriologist, City of Savannah, Ga.

Bixler, Lewis Clyde—A. B. Lafayette 1899, and A. M. 1902; R. H. O. 1903-04.—Physician, Highland Bldg., Pittsburgh.

***Blauvelt, Elizabeth Hedges**—A. B. Bryn Mawr 1896; Interne, N. Y. Infirmary for Women and Children, N. Y. 1903-05; Med. Missionary, Amoy, China, 1905-09. (*Died*, 1912, *Saranac Lake, N. Y.*)

Brush, Clinton Ethelbert, Jr.—S. B. New York Univ. 1899; R. H. O. and Asst. in Med. 1903-05.—Attend. Phys. Woman's Hosp. and City Hosp. and Physician, Nashville.

Chatard, Joseph Albert—A. B. Loyola 1898; Grad. Student, 1898-99; Asst. Res. Phys. St. Joseph's Hosp. 1903-04.—Assoc. Phys. St. Agnes' Hosp. Dispen. Phys. Instr. in Clin. Med. and Physician, Baltimore; Major, M. C., A. E. F., France.

Chinn, George Edward, Jr.—S. B. Central Coll. (Mo.), 1899; Clin. Asst. Sheppard and Pratt Hosp. Towson, 1903-04.—U. S. Pension Exam. Surg. Clin. Asst. St. Vincent's Hosp. Civil Serv. Exam. Phys. and Physician, Norfolk, Va.

Clark, Alfred Hull—A. B. Cornell 1899; House Surg. Hartford Hosp. Conn. 1903-05.—Surg. Woman's Hosp. and Physician, 139 Bryant St., Buffalo, N. Y.

Cornell, William Burgess—A. B. Chicago 1899; Externe, 1903-04; Asst. in Neurol. 1905-10; Prof. of Neurol. Woman's Med. Coll. (Balto.), 1907-10; Clin. Asst. 1904-05; Asst. Phys. Sheppard and Pratt Hosp. 1905-10; Asst. Phys. Danvers State Hosp. Hathorne, Mass. 1910-12; Exec. Secy. Mental Hygiene Soc. and Asst. Disp. Psychiatrist, and Physician, Baltimore 1912-16; Spec. Lect. N. Y. Univ. and Med. Dir. N. Y. City Chldn's Hosp. and Sch. Randall's Is. N. Y. 1916-18.—Ment. Diag. State Dept. Ed. Albany, N. Y.

Dewey, Emma Grace—S. B. Wellesley 1885, and A. M. 1894; Grad. Student, Chicago 1898-99; Interne, The Babies' Hosp. N. Y. Rockefeller Institute for Med. Research (Summer, 1903).—Pathol. and Radiog. Passavant Mem. Hosp. and Path. Lab'y, Jacksonville, Illinois.

Dudley, Harlan—Ph. B. Oberlin 1897; Graduate Student, 1898.—Physician, Jefferson, O.

***Eddy, Dana Lee**—A. B. Yale 1898.—Leavenworth, Kans.

Fayerweather, Roades—A. B. Harvard 1899; Orthopedic House Surg. Carney Hosp. 1903-04.—Disp. Surg. Instr. in Clin. Orthopedic Surg. and Surgeon, Baltimore; Capt. M. C., A. E. F., France.

Fischer, John Somerville—A. B. 1898; and Grad. Student, 1898-99; Asst. Res. Phys. St. Joseph's Hosp. Balt. 1903-04.—Chief Med. Clinic, St. Joseph's Hosp. Disp. Assoc. in Diseases of Children, B. M. C. and Physician, Baltimore 1915-17.—Atlantic City, N. J.

Gaenslen, Frederick Julius—S. B. Wisconsin 1899; Grad. Student, Harvard 1901; Interne, German Hosp. N. Y. 1903-06.—Orth. Surg. Columbia Hosp. Attend. Orth. Surg. Staff, Milwaukee Children's Hosp. and County Hosp. Mem. Amer. Ortho. Assn. F. A. C. S. Assoc. Prof. Ortho. Surg. Marquette Univ. and Physician, Milwaukee.

Gaines, Lewis McFarland—A. B. and S. B. Hampden-Sidney 1898; Grad. Student, Univ. of Virginia 1898-99; First Asst. Surg. R. I. Hosp. Providence, and House Phys. Providence Lying-in Hosp. (three months), 1903-04; Prof. of Anat. and Physiol. Med. Dept. Wake Forest Coll. Supt. Wake Forest Hosp. N. C. 1904-08.—Prof. Ment. Diseases and Clin. Neur. Sch. Med. Emory Univ. and Physician, Atlanta, Ga.

Geraghty, John Timothy—A. B. St. Thomas Coll. 1895; Ph. B. St. Paul Seminary, 1897; Grad. Student, 1897-98; R. H. O. 1903-04.—Urol. in Chg. and Assoc. Prof. of Clin. Urol. Surg. Visit. G.-U. Surg. City Hosp. Bayview, and Surgeon, Baltimore.

Goldsborough, Francis Colquohoun—S. B. Princeton 1889; Interne in Obstet.; Asst. Res. Gynecol.; Obstet'n in chg. and Res. Obstet. 1903-07.—Instr. and Asst. Obstetrician, 1907-10. — Prof. Obstetrics, Univ. of Buffalo, and Physician, Buffalo, N. Y.

Grant, Justin Frank—Ph. B. Yale 1898; Prof. of Anat. and Pathol. Univ. of W. Va. Morgantown, 1903-10; Prof. Anat. Atlanta Coll. P. and S. Atlanta, 1910-12.—Dept. Exp. Med. Parke, Davis & Co., 46 Cornhill, Boston.

Haskell, Louis Wardlaw, Jr. — A. B. 1899; Asst. in Surg. Pathol. 1903-04; House Officer, General Mem. Hosp. N. Y. 1905-06.—Assoc. Prof. Surg. Univ. of Tenn. Attend. Surg. Memphis City Hosp. and Baptist Mem. Hosp. and Physician, Memphis, Tenn.

Hirschfelder, Arthur Douglass — S. B. California 1897; Student in Paris and Heidelberg, 1898-99, and Berlin, 1906; R. H. O. 1903-04; Asst. in Med. Cooper Med. Coll. Asst. Phys. City and County Hosp. and Physician, San Francisco, 1904-05; Volun. Asst. in Med. 1905-06; Instr. and Assoc. in Med. in charge of the Physiol. Lab. of Med. Clinic, 1906-13.—Prof. Pharmacol. Univ. of Minnesota, Minneapolis.

Hopkins, Ross.—A. B. and S. B. Campbell Univ. 1897; A. B. Kansas State Univ. 1899; Grad. Student, Chicago 1899.—Physician, 115 E. Main St., Independence, Kans.; Mbr. Med. Ad. Bd. 21st Dist.

Hutchins, Henry Talbot—A. B. Amherst 1899; R. H. O. Asst. Res. and Res. Gynecol. 1903-07; Asst. and Instr. in Gynecol. 1906-07. — Consult. Gyne. Rufus S. Frost Gen. Hosp. Chelsea and Mem. Hosp. Pawtucket (R. I.), Surg. Mass. Women's Hosp. and Physician, Boston.

Jones, Clement Levi—S. B. Washington and Jefferson 1899, and M. S. 1904; Clin. Asst. Med. Starling Med. Sch. Pathol. Hawkes Hosp. of Mt. Carmel, Columbus, O. 1903-06.—Chf. in Med. Springfield City Hosp. and Physician, Springfield, O.

Tayler-Jones, Louise — A. B. Wellesley 1896; M. S. Columbian 1898; Pediatrist, Columbia Hosp. Asst. in Pediatrics, Freedman's Hosp. Physician, Nat. Florence Home, Phys. Baby Hosp. Camp, and Physician, Washington, D. C.

Keidel, Albert—A. B. (Feb. 22) 1900; Clinical Asst. in Med. 1903-06.—Assoc. in Clin. Med. and Disp. Surg. and Physician, Baltimore.

Lazenby, Maurice—A. B. (Feb. 22) 1900; House Phys. Church Home and Infirmary, 1903-05.—Assoc. in Obstet. Coll. P. & S. Asst. in Gynecol. Univ. of Md. Asst. in Clin. Urology, and Surgeon, Baltimore.

Loevenhart, Arthur Solomon—S. B. Kentucky State Univ. 1898, and M. S. 1899; Asst. and Assoc. in Physiol.-Chemistry, and Pharm. 1903-06; Associate Professor, 1906-08.—Prof. Pharm. and Toxicol. Univ. Wisconsin, Madison. Chem. Warfare Resch. Div. Amer. Univ. Wash'g, D. C.

***Long, Henry D.**—A. B. Washington and Jefferson 1894, and A. M. 1897; Cornell Summer School, 1897; R. H. O. 1903-04; Asst. Surg. U. S. Public Health and Marine Hosp. Service, Ellis Island, N. Y. 1905-07.—Physician, 129 W. 46th St., N. Y. (*October* 23, 1916.)

Long, Margaret—A. B. Smith 1895; Grad. Student, Mass. Inst. Tech. 1896-97; Interne, N. Y. Infirmary for Women and Children, 1903-04.—Physician, 228 Metropolitan Bldg., Denver, Col.

***Lupton, Edward Janney Sidwell**—S. B. Columbian 1899; First Asst. Res. and Res. Physician, Columbia Hosp. Washington, D. C. 1903-04.

Lynch, Leo Augustine—A. B. Yale 1899; Asst. House Surg. Society Lying-in Hosp. N. Y. 1903-04; Interne, City Hosp. Blackwell's Island, 1904-05.—Visit. Surg. Swedish Hosp. and Physician, Brooklyn, N. Y.

Manning, William Sanders—S. B. Columbian 1899; F. A. C. S. 1914; Clin. Asst. The Emergency Hosp. Washington, D. C. 1903-04; Ophthalmol. Duval Co. and St. Luke's Hosps. and S. A. L. R. R. and Physician, Jacksonville, Fla.; Capt. M. C., Ft. McPherson, Ga.

Marshall, Watson—A. B. Princeton 1899. Oto-Laryngol. St. Margaret Mem. Hosp. and Instr. in Laryn. U. of Pittsburgh Med. Sch. Pittsburgh.

Miller, Robert Talbott, Jr.—A. B. Amherst 1899; R. H. O. and Asst. Res. and Res. Surg. and Instr. in Surg. 1903-09.—Surg. to Mercy Hosp.; Prof. Surg. U. of Pittsburgh, and Surgeon, Pittsburgh, Pa.; Major, M. C., Angers, France.

Morse, Mary Elizabeth—A. B. Goucher College 1899; Res. Phys. Evening Disp. for Working Women, Balt. 1904-05; Asst. Phys. East. Mich. Asylum for the Insane, Pontiac, 1905-06; Asst. Pathol. Worcester State Hosp. Worcester, Mass. 1912-15.—Path. State Hosp. Boston, Dorchester Center.

Moulton, Willis Bean—A. B. Bowdoin 1899; R. H. O. 1903-04.—Fellow, Amer. Acad. Med. Instr. in Gynecol. Med. Sch. of Maine, Adj. Surg. Maine Gen's Hosp. Consult. Surg. Webber Hosp. Biddeford; Consult. Surg. City Hosp. and Surgeon, Portland, Me.

Neagle, Harry Benjamin—A. B. Bowdoin 1899.—Asst. Phys. The Loomis Sanatorium, Liberty, N. Y.

Rainforth, Selden Irwin—S. B. Cincinnati 1899, and A. M. 1900; LL. B. N. Y. Law Sch. 1908; House Surg. Presby. Hosp. N. Y. 1904-05.—Attend. Dermatol. Vanderbilt Clinic, and Physician, N. Y.

Riggs, Theodore Foster—A. B. Beloit 1898; R. H. O. 1903-04; Asst. Res. and Res. Surg. Union Prot. Infirmary, Baltimore, 1904-07; Grad. Student, Berlin, 1907-08; Private Asst. to Dr. Elting, Albany, N. Y. 1908.—Attend. Staff, St. Mary's Hosp. Visit. Surg. Onida Hosp. and Surgeon, Pierre, South Dakota.

Riley, Benjamin Franklin, Jr.—S. B. Georgia 1898. — County Physician, Surg. Georgia R. R. and Physician, Thomson, Ga.

Robinson, George Canby—A. B. 1899; Asst. Dmnstr. of Anat. Cornell, Ithaca, N. Y. 1903-04; Res. Pathol. and Res. Phys. Penna. Hosp. 1904-08; Director, Pathol. Lab. Presbyterian Hosp. and Physician, Philadelphia, 1909-10; Res. Phys. Roskefeller Hosp. and Assoc. in Med. Rockefeller Institute, N. Y. 1910-13.—Assoc. Phys. Barnes Hosp. Chf. Med. Clin. Wash. Disp. and Assoc. Prof. Medicine and Acting Dean Washington Univ., St. Louis.

Rucker, Marvin Pierce—A. M. Randolph-Macon 1899; Virginia Med. Coll. 1899-00.—Assoc. Attend. Obstet. Mem. Hosp.; Assoc. Obstet. Med. Coll. of Va. Surg. A. C. L. Ry. and Physician, Richmond, Va.

Schmitter, Ferdinand—A. B. Union Coll. 1899; Instr. in Anat. Univ. of Wisconsin, Madison, 1903-05; First Lieut. Med. Corps, U. S. A. Fort Egbert, Alaska, 1905-08.—Lt.-Col. N. A., Leavenworth, Kans.

Schultz, Oscar Theodore—A. B. Indiana 1897; Res. Pathol. Charity Hosp. Cleveland; Brooklyn Inst. Biol. Lab. and Columbia Univ. N. Y. 1903-04; Dmnstr. and Instr. of Pathol. and Proto-zoölogy, Western Reserve Univ. Cleveland, 1904-10; Asst. Prof. Pathol. *ibid.* 1910-13; Patho. Methodist, Wise & Douglas Co. Hosps.; Prof. Pathol. and Bact. Univ. Nebr. Omaha 1913-16. —Director, The Nelson Morris Mem. Inst. for Med. Resch., Chicago; Capt. M. C., Army Med. Sch., Washington. D. C.

Smith, Winford Henry—A. B. Bowdoin 1899; Res. Gynecol. The Lakeside Hosp. Cleveland, 1903-05; Hosp. Physician, N. Y. Dept. of Health, 1905-06; Supt. the Hartford Hosp. Conn. 1906-09; Gen'l Med. Supt. Dept. Bellevue and Allied Hospitals, New York, 1909-11.—Supt. J. H. Hospital; Col. N. A., S. G. O., Washington, D. C.

Stevens, Alexander Raymond — A. B. 1896; R. H. O. 1903-04; Director, Analytical Lab. of Frazer & Co. N. Y. 1904-05; House Surg. Presbyterian Hosp. N. Y. 1907-08.—Asst. Attend. G.-U. Surg. Bellevue Hosp. Chief G.-U. Clin. Presb. Hosp. Instr. G.-U. Surg. N. Y. Univ. and Physician, N. Y.; Capt. M. C.; N. Y. Presby. Base Hosp. No. 1, B. E. F.

Travis, Catherine Hutchison—A. B. McGill 1895; Grad. Student, Harvard Summer School 1899; House Officer, N. E. Hosp. for Women and Children, Boston, 1903-04; Pathol. New Britain, Hosp. and Physician, New Britain, Conn.; with Amer. Red Cross in Serbia, 1915-16.—Hampton N. B. Can.

***Watson, Frank Hosford**—S. B. Wisconsin 1899; R. H. O. 1903-04. **Dec.* 15, 1909.

Young, Charles Whittier—S. B. Univ. of Illinois 1897; R. H. O. 1903-04.—Assoc. in Med. and Dean, Union Med. Coll., Peking, China.

(49)

Class Secretary—John T. Geraghty, 330 N. Charles St., Baltimore.

1904

Bacon, Jay Harvey—S. B. Knox 1900; Pathol. Lakeside Hosp. Cleveland, 1904-05.—Pres't. Staff, The Proctor Hosp. Phys. The Crittenden Home; Surg. and Surgeon, Peoria, Ill.; Capt M. C., Camp Greenleaf, Ga.

Baker, Theodore—A. B. Princeton 1900; Asst. Disp. Urologist, 1912-13.—Asst. Urologist St. Francis Hosp. and Physician, Pittsburgh.

Bean, Robert Bennett—S. B. Va. Polytech. Inst. 1900; Asst. in Anat. 1904-05; Instr. in Anat. Univ. of Mich. Ann Arbor, 1905-07; Assoc. Prof. Anat. The Philippine Med. Sch. Manila, 1907-10; Assoc. Prof. Anat. Tulane, 1910-14; Prof. Gross Anat. Tulane Univ. New Orleans 1914-16.—Prof. Anat. U. of Virginia.

Bennett, Ruth—(Mrs. L. S. Morgan), A. B. Illinois 1899, and Grad. Student 1899; Asst. Phys. and Surg. Tsing Kiang pu Hosp. Tsing Kiang pu, Kiang Pu Prov. China, 1905-09.—Med. Missionary Hai Chow via Chinkiang, China.

Bergland, John McFarland—S. B. Princeton 1900; Interne in Obstet. and Asst. Res. Obstet. 1904-06; Asst. in Obstet. 1906-12.—Visit. Obstet. Church Home and Infirm. Hebrew Hosp. and Hosp. Women of Md. Assoc. in Obstet. Coll. P. & S. U. of Md. and Physician, Baltimore.

Bonta, Maurice Buford—A. B. Ky. Wesleyan 1894; S. B. Michigan 1897; R. H. O. 1904-05; Res. Gynecol. Lakeside Hosp. Cleveland, 1905-06; Med. Inspr. Public Schs. and Physician, Cleveland, O., 1907-08.—Asst. Med. Mayo Clinic, Rochester, Minn.

Brem, Walter Vernon, Jr.—S. B. N. Carolina 1896; Med. Dept. 1898-00; R. H. O. 1904-05; Phys. Ancon Hosp. 1905-07; Chief Med. Clin. Colon Hosp. Cristobal, C. Z. 1907-11; Prof. Pathol. and Bacteriol. Los Angeles Brch. of Med. Dept. Univ. Calif. 1911-14; Dir. Sthn. Branch State Hygienic Lab. 1914-17.—Physician, Los Angeles; Major, M. C., Camp Fremont, Cal.

Caldwell, Julius Alexander, Jr.—S. B. N. Carolina 1899; Med. Dept. 1899-00, and Summer Sch. 1900; R. H. O. and Asst. Res. Gynecol. 1904-06.—Physician, The Crescent, Montclair, New Jersey.

Carr, John Robert—A. B. N. Carolina 1899, Med. Dept. 1899-00, and Summer Sch. 1900; R. H. O. and Asst. Res. Surg. 1904-06.—Physician, 34 Erskine St., Detroit, Mich.

Casler, DeWitt Bellinger—A. B. Yale 1900; R. H. O. Asst. in Gynecol. and Asst. Res. Gynecol. 1904-08; Instr. in Gynecol. and Res. Gynecologist 1908-09.—Instr. in Gyne.; Asst. Disp. Gynecol. and Physician, 9 W. Chase St., Baltimore.

Edwards, Ralph Torrey — A. B. Knox 1897, and A. M. 1899; Bacteriol. Bureau of Science, Manila, P. I. 1905-08; Director, Gov't Serum Lab. Phrapatoom, Siam, 1908-10. — Physician, Elysian, Minn.

Egdahl, Anfin — S. B. Wisconsin 1900; Asst. Prof. of Pathol. and Bacteriol. Coll. of Med. State Univ. of Iowa, Iowa City, 1904-08.—Physician, 103 2d St. W., Menominie, Wis.; Capt. M. C., Camp Beauregard, La.

Garwood, Harold Gould—S. B. Colorado 1900, and Med. Dept. 1900-01; R. H. O. Minnequa Hosp. Pueblo, Colo. 1904-05; Surg. Colo. Fuel and Iron Co. Redstone, Colo. 1905-06; Capt. M. C., Ft. Riley, Kans.

Greenbaum, Harry Seliger—A. B. 1899; Student, Univ. of Berlin 1899-00; Instr. in Med. and Asst. Phys. 1905-14.—Physician, 1614 Eutaw Place, Baltimore.

Giffin, Herbert Ziegler—S. B. Princeton 1900; R. H. O. 1904-05; House Officer, Child's Hosp. Philadelphia, 1905-06.—Physician, Mayo Clinic, and Assoc. Prof. Med. Grad. Sch. Univ. of Minn., Rochester, Minn.

Hemenway, Josephine—(Mrs. J. H. Kenyon), A. B. Pritchett Coll. 1898; Bryn Mawr 1899-00; R. H. O. 1904-05; Res. Phys. Babies' Hosp. 1905-11.—57 W. 58th St., New York.

***Kellogg, William Raphael Miles**—A. B. Adelbert 1898; Res. Phys. Seattle Gen'l Hosp. 1904-05. **Oct.* 14, 1908.

Lee, Kenelm Julius — S. B. Wisconsin 1900.—Physician, Fergus Falls, Minn.

Love, John Marion—A. B. and B. L. Hampden-Sidney 1899; Grad. Student 1899-00; Clin. Asst. Ophthalmol. Balt. Eye, Ear and Throat Charity Hosp. 1904-06.—Physician, New Monroe Bldg., Norfolk, Va.

Manwaring, Wilfred Hamilton — S. B. Michigan 1895, Univ. of Chicago, Summer Qrs. 1899-03; Fellow and Asst. in Pathol. Chicago 1904-06; Assoc. Prof. of Pathol. and Bacteriol. Indiana 1905-07; Traveling Fellow, Rockefeller Institute 1907-08, and Asst. in Pathol. and Bacteriol. 1910-13.—Prof. Bact. and Exp. Path., Leland Stanford Jr. Univ., Cal.

Marshall, Herman Weston—S. B. Mass. Institute Tech. 1897; R. H. O. 1904-05; R. H. O. and Ortho. H. O. Mass. Gen. Hosp. 1906-08; Resch. Asst. Carnegie Inst. Washington 1908.—Ortho. O. P. D. Mass. Gen. Hosp. and Ortho. Surg. Boston.

MacCarty, William Carpenter — S. B. Kentucky State 1900, and M. S. 1909; Pathol. Augusta Hosp. Berlin 1904-06.—Surg. Pathol. Mayo Clinic, Rochester, and Assoc. Prof. Pathol. U. of Minn., Minn.

***McGouldrick, Ernest Clare**—A. B. Yale 1900. **Jan.* 9, 1912.

Morgan, Lorenzo Seymour—S. B. Knox 1900; Asst. Phys. and Surg. Tsingkiang Pu Hosp. Tsingkiang Pu, Kiang Pu Prov. China, 1905-09.—Med. Missionary, Hai Chow via Chinkiang, China.

Morrison, James Francis—A. B. Harvard 1900; Interne, Conn. State Hosp. for Insane, Middletown, 1904; Interne, Kings Co. Hosp. 1904-06; Asst. Phys. Conn. Hosp. for Insane, Middletown, 1906-08.—Neurol. Kings Co. Hosp. and Polhmaus Mem. Clinic; Assoc. Neurol. Brklyn. Hosp. and Disp. Bushwick Hosp. and Physician, Brooklyn, N. Y.

Nelson, Norman Oscar—S. B. Wisconsin 1900; Res. Phys. Monroe St. Hosp. Chicago, 1904-05.—Physician, 3 W. Main St., Madison, Wis.

Randolph, James Henry—A. B. Fla. State Coll. 1900; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1904-05; Asst. and Chief Phys. Fla. Hosp. for Insane, Chattahoochee, 1905-10.—Physician, St. James Bldg., Jacksonville, Fla.

Reed, Jewett Villeroy—S. B. Kentucky State Coll. 1900; R. H. O. 1904-05.—Asst. Prof. Surg. Indiana Univ. Sch. of Med. and Asst. Consult. Surg. City Hosp. A. A. Surg. U. S. Navy; Prof. Physiol. and Anat. Normal Col. No. Amer. Gym. Union, Indianapolis; P. A. Surg. U. S. N. R. F., U. S. Naval Hosp., Portsmouth, N. H.

Remsen, Charles Mallory—A. B. 1899, and Grad. Student 1899-00; R. H. O. Asst. Res. Phys. and Asst. Surg. Pathol. 1904-10; Res. Surg. and Instr. in Surg. 1910-11.—Surgeon, Candler Bldg., Atlanta, Ga.; Capt. M. C., Evacuation Hosp. No. 9.

Ricker, William Gray—A. B. Yale 1900; House Surgeon, Montreal Gen. Hosp. Can. 1904-05; Visit. Phys. The Littleton Hosp. and Phys. Wells River, Vt. 1905-11. — Physician, St. Johnsbury, Vermont.

Rosencrantz, Esther—A. B. Leland Stanford Jr. 1899; Barnard Coll. 1899-00; Interne, N. Y. Infirmary for Women and Children, 1905-06.—Clin. Asst. Out-Pat. Dept. Brompton Hosp. for Consumption, etc. London, Eng. 1906-07; Asst. Attend. Phys. Tuberculosis Clinic, N. Y. Board of Health, 1907; Clin. Asst. P. G. Med. Sch. and Hosp. and Phys. N. Y. 1907-09.—Volun. Asst. in Med. U. of Calif. and Physician, 729 Jones St., San Francisco, Cal.

Sachs, Ernest—A. B. Harvard 1900; Interne, Mount Sinai Hosp. N. Y. 1904-05; Grad. Stud. Berlin, 1907; Clin. Clk. Nat. Hosp. London and Sir Victor Horsley's Lab. Univ. Coll. 1908; Neurol. Surg. Montefiore Home and Beth Israel Hosp. Adj. Asst. Surg. Bellevue Hosp. and Chief Surg. Clinic Out-Patient Dept. and Phys. N. Y. 1908-10.—Assoc. Surg. Barnes Hosp.; Chf. Surg. Clin. Wash. Univ. Disp.; Assoc. Prof. Surg. Washington Univ. Med. Sch. St. Louis.

Schell, Orville Hickok—A. B. Yale 1900; House Surg. Mount Sinai Hosp. New York, 1904-07; Med. Missionary, Changsha, Hunan Prov. China, 1907-08.—Assoc. Physician, New Rochelle Hosp. and Physician, New Rochelle, N. Y.

Stone, Harry Russell—Ph. B. Conn. Wesleyan 1899; Interne, Hudson St. Hosp. N. Y. 1904-05; House Phys. and Surg. Private Patients' Bldg. N. Y. Hosp. 1905-07; Deputy Attend. Phys. Hudson St. Hosp. 1909-10.—Mbr. Acad. of Med. and Physician, 450 Riverside Drive, New York; Capt. M. C., A. E. F., France.

Storrs, Henry John—A. B. Amherst 1899; Interne, Asst. Res. Obstet. Res. Obstet. and Asst. 1904-09.—Phys. in charge, St. Louis Maternity Hosp. and Instr. Obstet. and Gynecol. Washington, Univ. St. Louis.

Taneyhill, George Lane, Jr.—A. B. 1900; Externe, 1904-05; Asst. Phys. and Asst. and Instr. in Med. 1905-18.—Assoc. in Clin. Neurol. Disp. Neurol. and Physician, Baltimore.

Terry, Benjamin Taylor—A. B. Vanderbilt 1898, and A. M. 1900; Univ. Chicago, Summer Qrs. 1900-1902, and 1904; Univ. of Freiburg, i. B. Summer, 1901; Harvard Med. Sch. Summer, 1903; Fellow in Pathol. Chicago, 1904-05; Grad. Student, Univ. Mich. Summers 1905,1908, 1911 and 1912; Grad. Student, Columbia Univ. 1905-06; Univ. of Munich and Pasteur Institute, Paris, 1906-07; George Speyer Haus, Frankfurt a. M. 1910; Fellow and Asst. Rockefeller Inst. 1906-10; Assoc. in Protozoölogy, Rockefeller Institute for Med. Resch. N. Y. and Co-Editor, Jour. Exp. Med. 1911-13; Director Laboratories, Kings Co. Hosp. Brooklyn, 1913-18; Instr. and Assoc. Path. Columbia, N. Y., 1914-18.—Prof. Path. Vanderbilt, Nashville, Tenn.

Thompson, William Lawton—A. B. Bowdoin 1899; House Surg. City Hosp. Worcester, Mass. 1904-05; Surg. Soc. Lying-in Hosp. N. Y. 1905-06; Dist. Phys. Boston Disp. and Asst. in Path. and Bact. and Instr. in Obstet. Tufts Coll. Med. Sch. 1906-12; Visit. Obst. Mt. Sinai Hosp. 1906-12; Instr. Orth. Hosp.; Asst. Vis. Phys. Blythesdale Hosp., N. Y.—Physician, New York.

Tyler, George Thomas, Jr.—A. B. Randolph-Macon 1896, and A. M. 1897; Summer Sch., Columbian Univ. 1899; Interne, Union Prot. Infirmary, Balt. 1904-06; Contract Surg. U. S. A. Fort Porter, N. Y. 1906-11. — Surgeon, Greenville, S. C.

Vogeler, William Jerome—A. B. Yale 1900; Res. Phys. St. John's Riverside Hosp. Yonkers, N. Y. 1904-06; Interne, Nursery and Child's Hosp. N. Y. 1906-07. — Attend. Phys. St. John's Riverside Hosp. and Sprain Ridge Hosp. for Tuberculosis, Clin. Asst. Vanderbilt Clinic, N. Y. Consult. Phys. Co. Hosp. Westchester, and Physician, Yonkers, N. Y.

Washburn, Robert Glendenning — S. B. Wisconsin 1900; Wisc. Coll. P. and S. 1900-01.—Dermatol. Milwaukee Co. St. Mary's and Maternity Hospitals; Prof. Dermatol. Marquette Univ. and Physician, Milwaukee.

Weaver, Louis Schneider—A. B. Pa. Coll. 1899, and Yale 1900; House Surg. R. I. Hosp. Providence, 1904-06.—Staff, York Hosp. and Penna. State Tuberculosis Disp. and Physician, York, Pa.

Willock, John Scott—S. B. Princeton 1900; Res. Phys. Allegheny Gen. Hosp. Pa. 1904-05; Physician, Hampson & Smith, Railroad Contractors, Mexico, 1907; Waverly Oil Wks. Co. Pittsburgh, Pa., 1907-12.—Instr. in Clin. Dermatol. and Asst. Disp. Dermatol.

Wilson, Walter Scott — A. B. N. Ga. Agricult. Coll. 1880; A. M. Univ. of Ga. 1884; Grad. Student, 1893-94, and Univ. of Chicago, 1896-97.—Chf. Staff, Savannah Hosp. Ga.

Wilson, Winfred — A. B. Weatherford Coll. 1900.—Physician and Surg. Wilson Sanitarium, Memphis, Tex.

———— (45)

Class Secretary—DeWitt B. Casler, 9 W. Chase St., Baltimore, Md.

1905

Abercrombie, Ronald Taylor—A. B. 1901; Res. Phys. Church Home and Infirmary, 1905-06.—Director of the Gymnasium, Instr. School Hygiene, Summer Sch. J. H. U. Asst. Dispen. Surg. and Physician, Baltimore; Capt. R. O. T. C., J. H. U.

Baer, Clarence Allen—B. L. Wisconsin 1900, and S. B. 1901; Michigan, Summer of 1901; Grad. Student, Univ. of Paris, 1905-06; Asst. St. Louis Hosp. Paris, 1906-07; Externe in Dermatol. 1907.—Physician, 633 Wells Bldg. Milwaukee, Wis.

Baldauf, Leon Kahn—A. B. 1901; Asst. Bender Hygienic Laboratory, and Instr. Bact. and Pathol. Albany Med. Coll. Albany, N. Y. 1905-07; Asst. City Pathol. St. Louis, 1907-10.—Prof. Pathol. and Bact. Univ. Louisville, Ky.

Ballou, Alice May — (Mrs. George W. Eliot), Ph.B. Brown 1900, and A. M. 1901; Interne, New England Hosp. Roxbury, 1905-06.—Weston, Mass.

Beall, Khleber Heberden—S. B. and M. S. Texas 1899; R. H. O. and Asst. Res. Phys. 1905-07.—Physician, 1600 Sunset Ave., Fort Worth.

Bernheim, Bertram Moses—A. B. 1901; Asst. in Surgery, 1913.—Instr. in Clin. Surg. Dispen. Surg. and Surg. Vis. Surg. U. P. I., Church Home and Infirm. and Hebrew Hosp. Baltimore; Capt. M. C., A. E. F., France.

Constantine, Kosciusko Walker — A. B. 1901, Grad. Student Vienna and London, 1905-07; F. A. C. S. 1913.—Prof. Ophthalmol. Grad. Sch. of Med. Univ. of Ala. Oculist, Hillman and St. Vincent's Hosps. Ophthal. Surg. Birmingham, Ala.; Major, M. C., A. S. S. C., Camp Dix, N. J.

Cowles, Calvin Duvall, Jr.—A. B. Guilford Coll. 1900, and North Carolina 1901; Interne in Obstet. 1905-06.—Major, M. C., Camp Greenleaf, Ga.

Cutter, William Dick—A. B. Yale 1899; Student, Univ. of Bern 1900; Interne, French Hosp. N. Y. 1905-06; Asst. Physician, Hosp. Dep. Copper Queen Con. Mining Co. Bisbee, Ariz. 1906-09.—Prof. Physiol. and Pharm. Univ. Ga. Augusta; Asst. Surg. N. R. F. Naval Air Sta., Miami, Fla.

Danforth, Murray Snell—A. B. Bowdoin 1901; Interne, R. I. Hosp. Providence, 1906-08; F. A. C. S. 1916.—Surg. Dept. Ortho. Surg. and Asst. Pathol. Radiographic Work, R. I. Hosp. Consult. Ortho. Surg. Providence Hosp. Ortho. Surg. O. P. D. Mass. Gen'l Hosp. and Physician, Providence.—Capt. M. C., Edinburgh War Hosp., Scotland.

Dascombe, Otho Lee — A. B. Bowdoin 1901; Res. Phys. and Surg. Externe, Waltham Hosp. Mass. 1905-08.—Roent. *ibid.* Visit. Phys. Waltham Baby Hosp. and Physician, Waltham, Mass.

Davenport, Howard Irving—A. B. Hamilton 1901, and A. M. 1904; Instr. Bacteriol. and Pathol. Syracuse Univ. Med. Sch. Syracuse, N. Y. 1905-06; County Bacteriol. Ont. Co. Lab. Canandaigua, N. Y. 1906-09.—Pathol. City Hosp. Physician and City Bacteriol. Auburn, N. Y.

Davidson, Homer J.—S. B. Wabash 1899, and A. M. 1910; Res. Phys. Seattle General Hospital, Wash. 1905-06.—Physician, Amer. Bank Bldg. Seattle.

Dodds, Solon Arthur—Ph. B. Wesleyan (Conn.), 1901; Interne in Obstet. and Asst. Res. Gynecol. 1905-07; Physician, Salisbury, N. C. 1907-10; Asst. in Obstetrics, 1912-14. — Physician. 3101 Clifton Ave., Baltimore.

Dowman, Charles Edward, Jr. — A. B. Emory 1901; Student, Vanderbilt 1901; F. A. C. S. (1914); Path. Inst. Charlottenburg Krankenhaus, Berlin, 1905-06; Vol. Asst. Univ. Chirurg. Klin. Breslau, 1906-07; Clin. Clk. Nat. Hosp. for Paralytics and Epileptics, London, 1907; Visit. Surg. and Pathol. Hillman Hosp. 1909-13; Prof. Pathol. B'ham Med. Coll. 1911-13; Surg. Hillman Hosp. Assoc. Surg. Grad. Dept. U. of Ala. 1913-15.—Instr. Clin. Surg. and Dmnstr. Surg. Path. Emory Univ. Vis. Surg. Wesley Mem. Hosp. and Surg. Atlanta, Ga.; Capt M. C., A. E. F., France.

Eyster, John Augustine English—S. B. Maryland Agricultural 1899; Grad. Student, 1899-01; Fellow, Asst. Instr. and Assoc. in Physiol. 1905-08; Prof. of Pharmacol. Univ. of Virginia, Charlottesville, 1908-10. — Prof. Physiol. Univ. Wis., Madison, and Consulting Physiologist, Bureau of Mines; Major, M. C.

Faris, Clifton Maupin — A. B. Leland Stanford, Jr. 1900; R. H. O. 1905-06; Asst. Dr. H. A. Kelly's Sanitarium (Balt.) 1906-07. — Surgeon, Sacramento, Cal. (*Nov.* 16, 1916.)

Ford, Frederick Reynolds—S. B. Colgate 1901; R. H. O. 1905-06.—Pathol. St. Luke's Hosp. Physician, Utica, N. Y.

Freeman, Allen Wier—S. B. Richmond 1899; Grad. Student, 1900-1901; Interne, Newark City Hosp. N. J. 1905-06; Asst. Com. Health, State of Va. 1908-15.—Epidemiol. U. S. Pub. Hlth. Serv. 1915-17.—State Comm. Health, Columbus, O.; Major, M. C.

Gilman, Philip Kingsnorth—A. B. Leland Stanford Jr. Univ. 1901; Asst. in Oper. Surg. (H. L.) and Asst. Res. Surg. 1905-07; Asst. Prof. Path. and Prof. Surg. Philippine Gen'l Hosp. 1907-12; Prof. Surg. Coll. Med. and Surg. Univ. of Philippines; Chief Surg. Philippine Gen'l Hosp. Manila, P. I. 1912-16; Clin. Instr. Stanford, 1916-17.—Asst. Clin. Prof. Surg.; P. A. Surg. U. S. N. (Europe).

Grier, Sarah Mabel—(Mrs. C. B. Lesher), A. B. Bucknell 1901, and A. M. 1904; Res. Phys. Syracuse Hosp. N. Y. 1905-06.—Med. Missionary, Amer. Baptist Mission, Swatow, China.

Hale, Edith—(Mrs. W. B. Swift), A. B. Radcliffe 1901; Interne, New England Hosp. Roxbury, 1905-06; Grad. Student, Berlin, Ger. 1908-10.—Attend. Phys. N. Eng. Hosp. and Disp. Med. Dir. Boston Chldn. Aid Soc. and Physician, Boston.

***Hall, Francis Jenks**—A. B. Yale 1899; Interne, Methodist Episcopal Hosp. Philadelphia, 1905-06. **May,* 1913.

Haller, Julius Theodore—S. B. Chicago 1901; F. A. C. S., Grad. Student, Vienna, Austria 1910.—Surg. Security Bldg., Davenport, Iowa.

Hempsted, Helen—A. B. Allegheny Coll. 1900; Cornell 1900-01; Interne, N. Y. Infirm. 1905-06; Asst. Phys. Babies' Hosp. N. Y. 1906-07.—Physician, Euclid-Doan Bldg., Cleveland, O.

Hepburn, Thomas Norval—A. B. Randolph-Macon 1900, and A. M. 1901; F. A. C. S., 1914; Interne, Hartford Hosp. Conn. 1905-07; Consult. Surg. Hungerford Hosp. Towington; Asst. Surg. Hartford Hosp. and Surgeon, Hartford.

Higgins, Reuben Paul — A. B. Cornell 1902, and Med. Dept. 1900-02.—Ophthalmol. Cortland Hosp. and Children's Home, and Physician, Cortland, N. Y.

Hooker, Donald Russell — A. B. Yale 1899 and M. S. 1901; Grad. Student, Berlin, 1905-06; Asst. Instr. and Assoc. in Physiol. 1906-10.—Mng. Editor, Amer. Jour. Physiol. and Associate Professor.

Houghton, Henry Spencer—Ph. B. Ohio State 1901; Asst. Rockefeller Institute for Med. Research, N. Y. 1905-06; Phys. Wuhu Gen'l Hosp. China, 1906-11; Dean and Prof. Trop. Med. Harvard Med. Sch. of China, Shanghai, 1912-16.—China Med. Bd. Rockefeller Fndn.; Actg. Dr. Union Med. Coll., Peking, China.

Lankford, Henry Marshall—A. B. Western Maryland 1901, and A. M. 1905.—Physician, Princess Anne; 1st Lt. M. C.

Lawson, George Bilton—A. M. Randolph-Macon 1899; Res. Phys. Kings Co. Hosp. Brooklyn, N. Y. 1905-07.—Physician, Roanoke, Va.

Leopold, Eugene Joseph — A. B. 1901, Grad. Student. Berlin; "Volunteer" Stadisches Krankenhaus, Munich, and Grad. Student, London, 1905-07.—Chmn. Med. Ex. Com. and Visit. Phys. Hebrew Hosp. Dispen. Phys. and Asst. in Clin. Med. and Physician, Baltimore.

Marine, David—A. B. Western Maryland 1900; Grad. Student, 1900-01; Res. Pathol. The Lakeside Hosp. Cleveland, 1905-06; Dmnstr. Neuropath. 1906.—Assoc. Prof. Exp. Med. Western Reserve Univ. and Physician, Cleveland; Major, M. C., Camp Custer, Mich.

Martelle, Henry Augustus—A. B. Bowdoin 1901; House Officer, Hartford Hosp. Conn. 1905-07.—Physician, 10 Garden St., Hartford, Conn.

McDonald, Archibald Leete—A. B. North Dakota 1901; Asst. Prof. in charge of Anat. Univ. of North Dakota, and Physician, Grand Forks, 1905-11.—Gyne. Duluth Free Disp. and Physician, Fidelity Bldg., Duluth, Minn.

Meyer, Arthur William—B. S. Wisconsin 1898; Asst. and Instr. in Anat. 1905-07; Asst. Prof. Anat. Univ. of Minn. Minneapolis, 1907-08; Prof. Anat. N. W. Univ. Med. Sch. Chicago, 1908-09; Resch. Assoc. Carnegie Inst. 1917-18.—Prof. Human Anat. Stanford Jr. Univ. Cal.

Moss, William Lorenzo—S. B. Georgia 1901; R. H. O. and Asst. Phys. J. H. Disp. 1905-07; Grad. Student, Berlin, 1907; Instr. in Med. in charge Research Lab. Phipps Disp. 1908-10; Assoc. in Clin. Med. and Asst. Res. Physician, 1910-14; Internist, State Instn. Study Malig. Diseases, Buffalo, N. Y.; Capt. M. C., A, E. F., France,

Mumford, Eugene Bishop—S. B. Wisconsin 1901; Res. Phys. Children's Hosp. Boston, 1905-06; Interne, Governeur Hosp. N. Y. and Ship Surg. Booth Steamship Co. 1906-08.— Director, Bureau Contag. Diseases, City Board Health, 1908-12; Physician, Children's Aid Assn. Visit. Pediatrician, City Hosp. 1910-14; Res. Surg. Children's Hosp. Boston, 1913-14.—Asst. Clin. Orthoped. Ind. Univ. Sch. Med. Orthop. Surg. City Hosp.; Mbr. City Bd. Health; Orthop. Surg. Indianapolis, Capt. M. C., A. E. F., France.

Paullin, James Edgar, Jr.—A. B. Mercer 1900, Grad. Student, 1900-01; Res. Pathol. R. I. Hosp. Providence, 1905-06; Asst. Prof. Pathol. Atlanta Coll. P. and S. Pathol. Ga. State Bd. Health, 1907-11; Asst. Visit. Physician, Grady Hosp. Adj. Prof. Med. Atlanta Med. Coll. 1913-15.—Visit. Phys. Grady Hosp. and Prof. Clin. Med. Emory Univ. Atlanta, Ga.; Major, M. C., Camp Gordon, Ga.

Rehberger, George Edward—A. B. 1901; Jr. Asst. Craig Colony for Epileptics, Sonyea, N. Y. 1906-09.—Physician, Ymir, B. C. Cana.

Richardson, Edward Henderson — A. B. Hampden-Sidney 1900; Grad. Student, J. H. U. 1900-01; R. H. O. Asst. Res. and Res. Gynecol. and Instr. 1905-12; Con. Gyne. U. P. I. Woman's Hosp., Church Home and Infirm., Hebrew Hosp. and City Hosp.—Asst. Visit. Gynecol.; Assoc. in Clin. Gynecol. Gynecol. in chg. and Physician, Baltimore.

Ricksher, Charles—S. B. Parsons Coll. (Ia.) 1901, M. S. 1905; Clin. Asst. Sheppard and Enoch Pratt Hosp. Towson, 1905-06; Student, Munich and Zürich, 1906-07; Asst. Physician, Danvers State Hosp. Hathorne, Mass. 1907-10; Chief of Clinic, Neurol. Institute, N. Y. City, 1910-11; Asst. in Clinical Psychiatry, Manhattan State Hosp. Ward's Island, N. Y. 1911-12; Asst. Physician, Kankakee State Hosp. Hospital, Ill. 1912-13.—Pathol. State Psychopath. Inst. Kankakee, Ill.; Capt. M. C., Camp Devens, Ayer, Mass.

Rindlaub, Martin Phillip, Jr.—B. L. Wisconsin 1896; Chicago 1897 and 1900; Berlin 1900-01.—Oculist, Fargo, N. D.; Capt. M. C., Camp Grant, Rockford, Ill.

Rous, Francis Peyton—A. B. 1900; R. H. O. 1905-06; Instr. in Pathol. Univ. of Mich. Ann Arbor, 1906-08; Asst. and Assoc. Rockefeller Inst. 1909-12.—Assoc. Member in Pathol. and Bact. The Rockefeller Inst. for Med. Research, N. Y.

Schloss, Oscar Menderson—S. B. Alabama Polytechnic 1901; Res. Phys. Kings Co. Hosp. Brooklyn, N. Y. 1905-07; Res. Phys. Nursery and Child's Hosp. N. Y. 1907-08.—Attend. Phys. Childn's Ward, Bellevue, and N. Y. Nursery and Child's Hosp.; Asst. Pediatrics, Coll. P. & S. Columbia, and Physician, N. Y.

Slocum, Robert Barnard—Ph. B. Rochester 1900, and Grad. Student 1900-01; R. H. O. 1905-06; Supt. Walker Mem. Hosp. Wilmington, 1906-08.—Surg. A. C. L. Visit. Surg. Walker Mem. Hosp. and Surgeon, Wilmington, N. C.

Smead, Lewis Frederick—A. B. Wooster 1901; Summer Sch. Wisconsin 1901; Senior Res. Phys. Union Protestant Infirmary, Baltimore, 1905-07.—Surg. St. Vincent's Hospital, and Physician, Toledo, O.

Stone, Charles Walter—A. B. Washington and Jefferson 1901, and A. M. 1904; Interne and Res. Phys. Lakeside Hosp. Cleveland, 1905-08; Dmnstr. in Med. West. Reserve, 1908; Grad. Student, Berlin, Paris, London, 1908-09; Instr. Nerv. Diseases, Western Reserve, 1909, and Lect. and Asst. Prof. of Nervous Diseases, 1910-12.—Visit. Neurol. Cleveland City Hosp. Physician in charge Disp. for Nervous Diseases, and Visit. Neurol. Lakeside Hosp. Visit. Pathol. Huron Road Hosp. and Physician, Cleveland.

Towles, Caroline Benson—A. B. Woman's College of Baltimore 1893; Grad. Student, Prague, 1905-06; Asst. in Pediatrics, 1913-14.—Asst. Clin. Med. Disp. Phys. and Physician, Baltimore.

Vander Hoof, Douglas—B. L. Dartmouth 1901, and A. M. (Hon.) 1907; R. H. O. 1905-06.—Prof. of Med. Med. Coll. of Va. Attend. Phys. Mem. Hosp. Consult. Phys. Johnston Willis Hosp. Phys.-in-chf. Va. Hosp. and Physician, Richmond, Va.

Whipple, George Hoyt—A. B. Yale 1900; Asst. and Assoc. in Pathol. and Asst. Res. Pathol. 1905-10; Pathol. Ancon Hosp. C. Z. 1907-08; Assoc. Prof. of Pathol. and Res. Pathol. 1910-14.—Director, Hooper Foundation Med. Resch.; Prof. Resch. Med. U. of Cal. San Francisco.

Wiel, Harry Isaac—A. B. Leland Stanford Jr. 1900; Student, Harvard 1901; R. H. O. 1905-06.—Phys. in chg. Pacific Hebrew Orphanage, and Physician, San Francisco.

Youtz, Hiram LaMont—Ph. B. Brown 1900, and A. M. 1901; Member of Staff, Moline City Hosp. Lect. Anat. City Hosp. Sec. Rock Island Co. Med. Soc. and Physician. Moline, Ill. 1905-08; City Physician, Willow City 1915.—Supt. Bottmean Co. Bd. Hlth., N. D.; Capt. M. C., A. E. F., France.

Rhea, Lawrence Joseph—S. B. Texas 1901; 1st Asst. in Pathol. City Hosp. Boston; Instr. in Pathol. Harvard.—Assoc. Prof. Path. McGill Univ. and Dir. Path. Lab. Montreal Gen. Hosp. Montreal, Canada. (*Degree conferred February* 22, 1906.) (54)

Class Secretary—Edward H. Richardson, 1200 N. Charles St., Baltimore, Md.

1906

Adsit, Henry — A. B. Princeton 1902; Non-resident Surgeon, St. James' Hosp. Hornells, N. Y.—Surgeon, 127 Allan St., Buffalo, N. Y.

Ainley, Frank C. — S. B. Drake 1902; R. H. O. 1906-07; House Physician, Lakeside Hosp. Cleveland, 1907-08; Asst. Res. Obstetrician, 1908-09; Asst. in Obstet. and Res. Obstetrician, 1909-10.—Surgeon, Brockman Bldg., Los Angeles.

Appleton, Vivia Belle — A. B. Cornell 1901, and Med. Dept. 1901-02; Interne, N. Eng. Hosp. for Women and

Children, and Grad. Student, Harvard 1906-07; Grad. Student, London and Berlin, 1907-09; Interne, Babies' Hosp. New York, 1909-11; Grad. Student, Enfants Malades, Paris, 1911-12.—Instr. in Pediatrics, U. of Calif. San Francisco; Pediatrician, A. R. C., France.

Bancroft, Frederic Wolcott—A. B. Leland Stanford Jr. 1902; Interne, The Roosevelt Hosp. N. Y. 1906-08; Interne, The Sloane Maternity Hosp. N. Y. 1908-09.—Assoc. Surg. N. Y. Hosp. Inst. in Surg. Columbia, and Surgeon, New York; Capt. M. C., Mobile Operating Unit, Camp Crane, Pa.

Bass, Herschel Winston—S. B. Alabama Polytechnic 1901, and M. S. 1902; Brad. Student, Berlin, 1906-07.—Physician, Gadsden, Ala.

Beall, Francis Cooke—S. B. Texas 1902; R. H. O. 1906-07, F. A. C. S.—Surgeon, Johnson-Beall Hosp., Fort Worth, Tex.

Beasley, Edward Bailey—A. B. 1902; Dr. P. H. Harvard 1911; Res. Phys. The Leigh Hosp. Norfolk, Va. 1906; Interne, Willard Parker Hosp. (N. Y. Health Dept.), and Asst. Surg. Woman's Hosp. N. Y. 1907.—Physician, 2901 N. Calvert St., Baltimore.

Beeuwkes, Henry—A. B. 1902; House Phys. and Surg. Hudson St. Hosp. N. Y. 1906-07; House Surg. N. Y. Hosp. 1907-09.—Major Med. Corps, U. S. Army, A. E. F., France.

Blackman, Julian Raymond—A. B. Nebraska 1902; Asst. in Physiol. Wisconsin, Madison, 1906-08; Physician, Hastings, Neb., 1908-09; Asst. Res. Gynecol. 1909-10; Resident, Dr. Kelly's Private Hosp. Baltimore, 1910-12.—Physician, Hastings, Neb.; Capt. M. C., Ft. Des Moines.

Bogart, Phoebe May—(Mrs. Van Voast). A. B. Wellesley 1902; Interne, Woman's Hosp. Detroit, until Jan. 1907; Interne, Syracuse Hosp. N. Y. 1907-08.—Asst. Children's Div. Presbyterian Hosp. Disp. Physician, New York.

Brown, Edwards Bennett—A. B. Beloit 1901; Wis. Coll. P. and S. 1901-03.—Med. Inspect. Beloit Pub. Schs. and Physician, Beloit, Wis.

Burlingham, Louis Herbert—A. B. Yale 1902; Med. House Officer, Mass. Gen'l Hosp. 1906-07; Asst. Res. Phys. Mass. Gen'l Hosp. Boston, 1907-12; Asst. Administr. Mass. Gen. Hosp. 1912; Asst. Supt. Peter Bent Brigham Hosp., Boston, 1912-17.—Supt., Barnes Hosp. and Admnstr. St. Louis Children's Hosp., St. Louis.

Byrnes, Charles Metcalfe—S. B. North Carolina 1902; Adj. Prof. of Anat. Virginia, Charlottesville, 1906-09; Instr. Clin Neurol. 1909-18.—Dispen. Neurol. Assoc. in Clin. Neurol. and Physician, Baltimore.

Caulk, John Roberts—A. B. St. John's 1901; Georgetown 1901-02; Interne and 2d Asst. Res. Union Protestant Infirmary, 1906-07; Asst. Res. Surg. J. H. H. 1908-09; Asst. to Dr. Young, 1907-10.—G.-U. Surg. St. Luke's Hosp., Asst. Surg. Barnes Hosp., Asso. G.-U. Surg. and Chf. G.-U. clinic Wash'g University; Editor, *Interstate Med. Jour.* Collab. Editor, *Surg. Gynecol. and Obstet.* and *American Journal of Syphilis,* and Surgeon, St. Louis.

Church, Franklin H.—A. B. Hamilton 1902, and A. M. 1905; Interne, Utica General Hosp. 1906-07; Asst. Gynecol. Utica Gen'l Hosp. Deputy Health Officer and Physician, Utica, N. Y. Physician in charge Univ. Penna. Expedition to S. Amer. 1913-14.—Physician, Boonville, N. Y.

Cobb, Oren Howard — A. B. Harvard 1902; Clin. Asst. Med. N. Y. P.-G. Hosp. 1906-07; Med. Inspect. Div. Child Hygiene, Dept. Health, N. Y. 1907-08; Res. Phys. N. Y. State Hosp. for Care of Crippled and Deformed Children, W. Haverstraw, N. Y. 1909-12.—Supt. Syracuse State Inst. for Feeble-minded Children, Syracuse.

Coffen, T. Homer—S. B. Penn 1901, and M. S. 1905.—Instr. Clin. Pathol. Asst. in Med. Cornell Univ. Med. Coll. Asst. Visit. Phys. Bellevue Hosp. O. P. D. Asst. Visit. Phys. and Instr. in Medicine, the N. Y. Post-Graduate Hospital and Med. Sch. and Physician, N. Y. 1906-1913.—Asst. Prof. Med. U. of Oregon and Physician, Portland, Ore.; Capt. M. C.

Cole, Herbert Phalon—A. B. St. Lawrence 1901; Student of Medicine, Minn. 1901-02 (F. A. C. S. 1914).—Assoc. Prof. Gynecol. Univ. Ala. and Gynecol. City Hosp. and Mobile Infrm. and Surgeon, Mobile; Major, M. C., Camp Dix, N. J.

Crispin, Egerton Lafayette—Ph. B. Illinois 1902; Res. Pathol. and Physician, Penn. Hosp. Phila. 1906-10; Physician, Mayo Clinic, Rochester, Minn. 1913-16.—Physician, Los Angeles, Cal.; Lt. Comdr. U. S. N.; Med. Dir. Naval Base Hosp. No. 3 on foreign service.

Cross, Ernest Samuel—A. B. Dartmouth 1901; R. H. O. 1906-07; Res. and Asst. Attend. Phys. Telfair Hosp. Savannah, Ga. 1908-09; Med. Dir. and Chief of Staff, *ibid.* 1910; Phys. in charge, Aiken Cottage Sanatorium, and Physician, Aiken, S. C., 1910-17.—Physician, 1035 N. Calvert St.

Cullen, Victor Francis—A. B. Rock Hill 1902, A. M. 1906; Res. Surg. St. Joseph's Hosp. Baltimore, 1906-08.—Supt. Md. Tuberculosis Sanatorium, State Sanatorium.

Day, Gaston—S. B. Florida State 1902; The New York Lying-in Hosp. (until Nov. 1906); House Surg. St. John's Riverside Hosp. Yonkers, N. Y. 1906-07.—Physician, Jacksonville, Fla.; Capt. M. C., Camp Green, N. C.

Duffy, Richard Nixon—A. B. North Carolina 1902; R. H. O. 1906-07.—Surg. New Bern Genl. Hosp. and Physician, New Bern, N. C.; Comn. Med. Ad. Bd. 16th Dist. N. C.

Ebersole, Francis Fisher—A. B. Cornell Coll. 1902; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1906-08.—Physician, Mt. Vernon, Iowa.

Gray, Eugene Price—A. B. North Carolina 1902; Interne, James Walker Memorial Hosp. Wilmington, N. C. 1906-07.—Physician, Winston-Salem, N. C.

Gray, Herbert Lee—A. B. Colby 1902; Interne, Lying-in Hosp. N. Y. (4 mos.); Interne, Kingston Ave. Hosp. Dept. of Health, Brooklyn, N. Y. 1906-07.—Deputy Surg. Dept. Syphil. N. Y. Hosp. Chief Clin. G.-U. Diseases, Demmilt Disp. and Physician, N. Y.

Griffith, Franklin Webb—A. B. Western Maryland 1902, and A. M. 1905; Externe in Gynecol. 1906-07; Asst. Res. and Act. Res. Gynecol. 1907-11.—Surg. to Biltmore, Meriwether and Mission Hospitals, and Surgeon, Asheville, North Carolina.

Griswold, Arthur Heywood—A. B. Harvard 1902; Interne, Hartford Hosp. Conn. 1906-08.—Asst. Pathol. and Bact. Hartford Hosp. Babies' Hosp. and Physician, Hartford, Conn.

Hazen, Henry Honeyman—A. B. 1902; Externe in Dermatol. Chief Clinic, Freedman's Hosp. and Instr. Clin. Micpy. Howard Med. Sch. 1906-09; Asst. in Dermatol. J. H. U. 1912-14.—Prof. Dermatol. Howard Univ.; Visit. Dermatol. Freedmen's Hosp. Washg. Asylum Hosp. and Georgetown Univ. Hosp. Prof. Dermatol. Georgetown Univ. and Physician, Washington, D. C.

Helmholz, Henry Frederick—S. B. Wis. 1902; Summer Quarter, Chicago, 1902; Fellow in Pathol. 1906-07; Voluntär Asst. Children's Clinic, Berlin, 1907-09.—Asst. Prof. Ped. Rush. Med. Coll. Member, Otho S. A. Sprague Mem. Inst. Attend. Phys. Child Mem. Hospitals; Med. Dir. Infant Welfare Soc. and Physician, Evanston, Ill.

Hennington, Charles William — S. B. Rochester 1902; R. H. O. and Asst. in Surg. Path. 1906-08.—Asst. Surg. Rochester Gen'l Hosp. Surg. Rochester State Hosp.; Assoc. Editor, *Buffalo Med. Journal*, and Surgeon, Rochester, N. Y.; Major, M. C., A. E. F., France.

Herrinton, Minerva—A. B. Cornell, Ia. 1900; Grad. Student, Lewis Inst. (Chicago), 1902; Physician, Evening Disp. for Women and Children, Baltimore, 1906-08.—920 Farragut Terrace, Phila.

***Hewitt, Joseph Henry**—A. B. North Carolina 1899, and Med. Dept. 1901-02; Harvard Summer 1902; Res. Pathol. Charity Hosp. 1906-07, Lakeside Hosp. 1907-08; Dmnstr. Pathol. Univ. Minn. 1909-10; Pathol. Ga. State Sanitarium, Milledgeville, 1910-11; Pathol. St. Joseph and Children's Mem. Hospitals, Chicago, 1911-12; Prof. Pathol. and Bact. Baylor Univ. Dallas, Texas, 1912-13.—Pathol. City Hosp. Cleveland, Ohio. (*Died Jan.* 10, 1916.)

Hinman, Frank—A. B. Leland Stanford, Jr. 1902; Lab. Asst. to Dr. Bloodgood, J. H. H. 1906; Res. Surg. St. Luke's Hosp. Spokane, Wash. 1907-08; City Bacteriol. Spokane, Wash. 1910-12; Asst. Res. Surg. J. H. H. 1912-15; Asst. Clin. Prof. Urology, Stanford Univ.; Visit. Urol. City and Co. Hospitals, 1915-16.—Instr. Urol. U. of Calif.; Urol. Univ. Hosp. San Francisco.

Hunt, Josephine Drummond—A. B. Kentucky 1899, and A. M. 1902; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1906-07; Summer Interne, Babies' Hosp. N. Y. 1909.—Pediatrist Good Samaritan Hosp. and Phys. to House of Mercy, and Physician, 407 Trust Bldg., Lexington, Ky.

Hutchins, Elliott H.—A. B. St. John's 1902, and A. M. 1906; F. A. C. S. Interne, Church Home and Infirmary, Balt. 1906-07; Res. Surg. Lakeside Hosp. 1907-08.—Visit. Surg. Church Home and Infirm. and Mercy Hosp.; Con. Surg. So. Balt. Eye and Ear Hosp.; Visit. Surg. Barstow Gen. Hosp. Assoc. Prof. Clin. Surg. U. of Md. and Coll. P. and S.; Surg. W. M. R. R. and Police Dept.; Asst. Clin. Surg. and Physician, Baltimore.

Ingraham, Clarence B. Jr.—Ph. B. Yale 1902; Interne in Obstet. 1906-07; Asst. Dr. Kelly's Sanitarium, Baltimore, 1907-09.—Prof. of Obstet. and Gynecol. Univ. of Colo. Obstet. St. Luke's; Gynecol. Mercy Hosp. and Obstet. City and Co. Hosp.; Major, M. C., Ft. Sill, Okla.; Physician, Denver, Col. F. A. C. S.

Iseman, Lawrence Lee—Ph. B. Lafayette 1902; F. A. C. S. Res. Kensington Hosp. for Women, Phila. 1906-08.—Asst. Chief Surg. Ill. Cent. R. R. Attend. Surg. in Chf. Ill. Cent. Hosp. and Physician, Chicago.

Kellam, William Finney—A. B. Randolph-Macon 1902.—Physician, Onley, Va.

Kelley, Eugene Robert—A. B. Bowdoin 1902; Interne, Carney Hosp. Boston, 1906-07.—Asst. State and Comm. Health Seattle, 1909-15.—State Comm. Health. Mass. State Dept. Health, Boston. (Allston, Mass.)

King, John Hendricken—A. B. 1899, and Grad. Student 1899-02; Vol. Asst. and Asst. in Med. 1906-08; Instr. and Assoc. in Pathol. 1908-13. — Asst. Disp. Phys. and Instr. in Clin. Medicine; 1st Lt. M. C., U. S. A. Base Hosp. No. 18, France.

Kingsbury, Mary Barker—A. B. Wellesley 1899; Harvard Summer School 1899; Interne, The Babies' Hosp. New York, 1906-07.—Probation Officer for Female Probationers, Co. of Schuylkill, and Physician, Pottsville, Pa.

Krechting, Wilhelm Edmund Harmon—A. B. Princeton 1902; Asst. House Surg. N. Y. Lying-in Hosp. 1906-07; House Surg. J. Hood Wright Mem. Hosp. N. Y. 1907-09.—Physician, 422 8th St. S. E., Washington, D. C.

Langnecker, Harry Leslie—A. B. Leland Stanford Jr. 1901; R. H. O. 1906-07; Ortho. H. O. Mass. Gen'l Hosp. 1908; Asst. Ortho. Surg. Mass. Gen'l Hosp. 1909-11; Asst. Res. Phys. and Asst. Ortho. Surg. *ibid.* 1911-14.—Clin. Inst. in Orth. Surg. Stanford Univ.; P. A. Surg. U. S. N. R. F., Europe.

Lee, Andre Edward—A. B. Leland Stanford Jr. 1902; Passed Asst. Surg. U. S. N. Mare Island Hosp. Calif. 1906-07; Naval Hosp. Canacao, P. I. 1907-08; Cruising Asiatic Sta. 1909; Mare Is. Hosp. Cal. 1910; P. A. Surg. U. S. N. Navy Recruiting Sta. Buffalo, N. Y. 1910-12.—Surgeon, Amer. Legation, Peking, China.

Lewis, Joseph Stocking—A. B. Canisius 1902; Grad. Student, Cornell Summer 1902; Interne, German Hosp. N. Y. 1906-09.—Asst. Surg. Children's Hosp. and Attend. Surg. Buffalo State Hosp.; Asst. Surg. Erie Co. Hosp. and Surgeon, Buffalo, N. Y.

Macht, David Israel—A. B. 1902; Harvard Summer Sch. 1903, 1904 and 1905; LL.B. Hamilton Coll. 1915; Vol. Asst. Klinik, Prof. Landau, Berlin, and Grad. work in Europe, 1906-07; Externe, Med. and Phipps Dispensaries, 1908-09; Asst. in Gynecol. Hebrew Hosp. 1908-10; Asst. in Med. 1908-13; Coroner, N. W. Dist. 1912-14.—Resch. Fellow in Therapeut. to Council Phcy. and Chem. A. M. A. 1914-16; Gynecol. Jewish Hosp. for Consumptives; Dispen. Phys. Instr. in Clin. Med. Lecture Asst. in Pharm. and Physician, Baltimore.

Marsden, George—Ph. B. Brown 1900.—Physician, New Bedford, Mass.

Mason, Enoch Marvin—S. B. Alabama Polytechnic 1900, and M. S. 1901; R. H. O. 1906-07; Ala. State Bact. and Pathol. 1908-11.—Phys. to Hillman Hosp. and Physician, Jefferson Bnk. Bldg., Burmingham, Ala.; Capt. M. C., U. S. A.

Meloy, Carl R.—A. B. Wittenberg 1902, and A. M. 1905; Instr. in Pathol. Univ. of Virginia 1906-07; Asst. in Pathol. and Asst. Res. Pathol. and Pathol. City Detention Hosp. Bayview, 1907-08; Adj. Prof. Pathol. Univ. of Va. Charlottesville, 1908-10. — Pathol. and Director of Lab'y, Grace Hosp. Detroit, Mich.

***Moore, Robert Emory**—A. B. 1902; Interne, King's Co. Hosp. Brooklyn, N. Y. 1906-08.—Asst. Visit. Surg. Samaritan Hosp. and Kings Co. Hosp. and Allied Hospitals of Brooklyn, and Physician, Brooklyn; Clin. Asst. B.-U. Diseases, L. I. Coll. Hosp. (**Sept.* 13, 1913.)

Morse, Arthur Henry—A. B. Tufts 1902; Harvard Medical Sch. Summer of 1903; Res. Pathol. R. I. Gen'l, Providence, 1906-07; Asst. Res. Obstet. 1907-08; Asst. Res. Surg. U. P. Infirm. 1908-09; Asst. Res. Obstet. 1909-10; Res. Obstet. and Instr. in Obstet. 1910-11; Res. Surg. U. P. Infirm. 1912-13; Instr. Obstet. and Gynecol. Univ. of Calif. and Assoc. Gynecol. Univ. Hosp. San Francisco 1913-15.—Asst. Obstet. and Gyne. New Haven Hosp. and Asst. Prof. Obstet. and Gynecol. Yale Med. Sch. New Haven.

Murdoch, Agnes Gordon—A. B. Woman's Coll. of Balto. 1902; Interne, New Eng. Hosp. Roxbury, Mass. 1906-07.—Sup Ming Kang Hosp. Wm'n and Chld'n, Hwai-yuen, Anhwei, China.

Nast, Marie Eleanor — (Mrs. W. B. Wherry), A. B. Woman's Coll. of Balto. 1902; Chicago 1902-03.—759 Ridgeway Ave., Cincinnati, O.

Ortschild, John Francis—A. B. Leland Stanford, Jr. 1899; Asst. in Operative Surg. (H. L.), 1906-07; Asst. Res. Surg. 1907-08.—385 Vancouver St., Portland, Ore.

Patek, Robert—S. B. California 1901; Interne, City and Co. Hosp. S. F. 1906-07.—Asst. Surg. Emergency Hosp. and Physician, San Francisco.

Pels, Isaac Rosenbaum—A. B. 1902; Externe in Med. 1908; Interne, U. P. I. 1908.—Consult. Dermatol. Balt. Eye, Ear and Throat Hosp.; Dermatol. Vis. Staff, Hebrew Hosp.; Asst. in Clin. Dermatol. Dispen. Dermatol. Dermatol. Baltimore.

Pfeiffer, Damon Beckett—A. B. Princeton 1902; Interne, The German Hosp. Phila. 1906-09; Director, Clin. Lab. Presbyterian Hosp. Surg. Abington Mem. Hosp. Instr. Surg. Univ. of Fla.; Asst. Surg. Hosp. U. of Pa. and Out-Patient Dept. German Hosp. and

Surgeon, Philadelphia; Major, M. C., Camp Greenleaf, Ga.

Putts, Benjamin Swayne—A. B. 1902; Res. Phys. Allegheny Gen'l Hosp. Pa. 1906-07; Phys. Mass. State Sanatorium, Rutland, 1907-08; Deputy Med. Dir. Penna. State So. Mt. Sanatorium, Mont Alto, Pa. 1909-11.—Roentg., 143 W. 8th St., Erie, Pa.

Rea, Ralph R.—S. B. Iowa State 1899. —Physician, 606 S. Hill St. Los Angeles, Calif.

Redewill, Francis Hamilton—S. B. California 1902; Interne, M. E. Hosp. Brooklyn, N. Y. 1906-07; Asst. Surg. Ft. Bayard, N. M. 1907-08; Student, Paris, 1910-11. — Asst. Chief Surg. Randolph R. R. Lines; Phys. and Surg.; Phys. Chg. Desert Inn Hosp. and San., Phoenix, Ariz.

Ridgway, Richard Frederic Lot—A. B. Princeton 1898, and A. M. 1902; Res. Physician, Harrisburg Hosp. Pa. 1906-07.. Disp. Surg. and Anaesthetist, Harrisburg Hosp. 1909-12.—1st Asst. Phys. Penna. State Lunatic Hosp. Harrisburg.

Russ, Henry Camp—A. B. Yale 1902; Res. Pathol. The Lakeside Hosp. Cleveland, O. 1906-07; Asst. Supt. *ibid.* 1907-08.—Phys. in charge Lab. Charter Oak Private Hosp., Assoc. Path. Hartford Hosp. and Physician, Hartford, Conn.

Sawyer, Harold Payne—S. B. Alabama 1902; Asst. in Pathol. Bender Hygienic Lab. and Instr. in Pathol. and Bacteriol. Albany Med. Coll. N. Y. 1906-08; Instr. Pathol. Univ. and Bellevue Hosp. Med. Sch. 1908-09.—Pathol. Cohoes Hosp. City Bact. Cohoes, and Physician, Troy, N. Y.; Capt. M. C., A. E. F., France.

Schorer, Edwin Henry—S. B. Wisconsin 1902; Dr. P. H. Harvard 1912; Rockefeller Inst. for Med. Research, N. Y. 1906-07; Instr. in Pathol. and Bacteriol. Univ. of Missouri, Columbia, 1907-08; Asst. Prof. Parasitology and Hygiene, *ibid.* 1908-09; Asst. Prof. Bacteriol. and Pathol. Univ. of Kansas, Lawrence, 1909-10; Special Investigator Dept. Prevent. Med. and Hygiene, Harvard Med. Sch. Boston, 1910-12.—Pediatrist, 3704 Charlotte St., Kansas City, Mo.; Major, M. C., Camp Merritt, N. J.

***Seeley, Lamar**—A. B. Williams 1902.

Seem, Ralph Berger—Ph. B. Lafayette 1902; Senior Res. Phys. St. Luke's Hosp. South Bethlehem, Pa. 1906-08; Supt. J. Walker Mem. Hosp. Wilmington, N. C., 1908-12.—Actg. Supt. Johns Hopkins Hospital.

Sladen, Frank Joseph—A. B. Yale 1902; R. H. O. and Asst. Res. Phys. in charge Md. Bacteriol. Lab. Asst. in Med. 1906-08; Instr. in Med. and Asst. Res. Phys. 1908-10; Assoc. in Med. and Res. Phys. and Med. Adviser to the Students, 1910-13; Chief Medical Clinic, Detroit Gen'l Hosp. 1913-15. — Phys.-in-Chf. The Henry Ford Hosp., Detroit; Capt. M. C., U. S. A.

Sloan, Harry Gordon—A. B. Washington and Jefferson 1902; Res. Surg. Lakeside Hosp. Cleveland, 1906-09, F. A. C. S.—Dmnstr. Surg. Physiol, West. Res. Med. Dept. and Surgeon, Cleveland.

Stone, Harvey Brinton—A. B. 1902; R. H. O. 1906-07.; Adjunct Prof. of Surg. Univ. of Virginia, Charlottesville, 1907-10.—Assoc. in Surg. Coll. P. & S. Chief Surg. Md. Casualty Co. Instr. in Clin. Surg. Disp. Surg. and Surgeon, Baltimore; Capt. M. C. Base Hosp. No. 18.

Strouse, Solomon—A. B. 1902; R. H. O. 1906-07; Phys. O. P. D. Hebrew Hosp. 1907-09.—Assoc. Pathol. and Attend. Phys. Michael Reese Hosp. 1909-12.—Asst. Prof. Med. Northwestern Univ., Attend. Phys. (Int. Med.) Chicago Lying-In Hosp., Assoc. Attend. Phys. Michael Reese Hosp. and Physician, Chicago.

Thacher, Henry Clarke—A. B. Yale 1902, M. S. 1904, and Med. Dept. 1902-03; H. O. Bellevue Hosp. N. Y. 1906-08; Dr. Thayer's Asst. J. H. H. 1909-10.—Assoc. in Med. Columbia Univ. Chf. Med. Cl. Vanderbilt Clin. Asst. Visit. Phys. Roosevelt and Lincoln Hospitals, and Physician, New York; Capt. M. C., A. E. F., France.

Thompson, Philip Pickering—A. B. Dartmouth 1902; Med. Sch. of Maine, 1902-03; Interne, Carney Hosp. Boston, 1906-07.—Instr. Gynecol. Med. Sch. of Me. Adj. G.-U. Surg. Me. Gen'l Hosp. and Physician, Portland, Me.

Torrey, Harry Norton—S. B. Knox 1900; Med. Dept. Mich. 1901-05, and A. M. 1905; Asst. in Bacteriol. 1904-05; Rockefeller Fellow Univ. of Mich. Summer of 1906.—Assoc. Surg. Harper Hosp. Attend. Surg. Childn. Free Hosp. and Detroit Tb. San., and Surg. Dir. Mnftr's Hosp. Detroit, Mich.; Major, M. C., A. E. F., France.

Waite, Willis Willard—S. B. Wisconsin 1902; Pathol. Interne, City Hosp. Blackwell's Island, N. Y. 1906-07; Bacteriol. N. Y. City Dept. Health, 1907; Bureau of Health and St. Joseph's Hosp. and Physician, Syracuse, N. Y.—Director, El Paso Med. Lab. El Paso, Texas.

Webb, Harold Randall—A. B. Bowdoin 1902; Res. Phys. City Hosp. Waltham, Mass. 1906-08.—Physician, Arlington, Mass.

White, George Howard, Jr. — A. B. Princeton 1902; R. H. O. 1906-07; Assoc. Prof. Clin. Path. U. of Md. and Coll. P. & S. and Physician, Baltimore.

Wilbur, Frederick Petheram—A. B. Williams 1902; Interne, City Hosp. Blackwell's Island, N. Y. 1906-07.—Physician, Franklin, N. J.

Winn, Nannie Lee—A. B. Woman's Coll. of Balto. 1900.—Physician, Clayton, Ala.

Winter, John Arthur—A. B. Michigan 1902; Interne, Lakeside Hosp. Cleveland, 1906-07; Phys. and Surg. Calumet and Hecla Mining Co. Hosp. Calumet, Mich. 1907-08; Grad. Student in Europe, 1908-09; House Surg. Ill. Charitable Eye and Ear Infirmary, Chicago, 1909-10.—Physician, Fidelity Bldg., Duluth, Minn.

Winthrop, Gilman Joseph—A. B. Univ. of the South 1902; F. A. C. S. Interne, Gouverneur Hosp. New York, 1906-08.—Assoc. Prof. Gyn. Univ. of Ala. and Surgeon, Mobile.

Wolfort, Benjamin Edgar—S. B. Pennsylvania 1902, and Med. Dept. 1901-02; Interne, Kingston Av. Hosp. Brooklyn, 1906-07; Interne, Jewish Hosp. Brooklyn, N. Y. 1907-08.—Asst. Surg. Jewish Hosp. Asst. Orthoped. Surg. Kings Co. Hosp. and Brooklyn Hosp. and Physician, Brooklyn.

Wolman, Samuel—A. B. 1902.—Instr. in Clin. Med. and Dispen. Physician, and Physician, Baltimore.

Wroth, Peregrine, Jr.—A. B. 1902; Res. Phys. U. P. I., Balt. 1906-08.—Surgeon, 131 W. Washington St., Hagerstown, Md.; Capt. M. C., A. E. F., France.

Straight, Persis Rosamond (Mrs. F. S. Robbins)—A. B. Smith 1902.—Physician, Bradford, Pa. (*Degree granted Nov.* 5, 1906). (85)

Class Secretary—Ralph B. Seem, Johns Hopkins Hospital.

1907

Adkins, Merle Theron — S. B. Beloit 1903; Interne, Union Protestant Infirmary, 1907-08; Interne, Church Home and Infirmary, 1912-14.—Physician, Durham, N. C.

Barnes, Francis Merriman, Jr.—A. B. Hamilton 1903; A. M. 1906; Asst. Phys. and Dir. Clin. Lab. Sheppard and Pratt Hosp. Towson, 1907-10; Clin. Dir. Gov't Hosp. for Insane, Washington, D. C. 1910-13; Instr. Neurol. and Psych. George Washington Univ. 1911-13; Asst. Prof. Nerv. and Ment. Dis. St. Louis Univ. 1913-14; Assoc. in Psychiatry, Wash. Univ. Med. Sch. 1914.—Neurol. St. Mary's Hosp. Visit. Psychiat. St. Louis City Sanitar. and Infirm. and St. Louis City Hosp. Med. Dir. Glenwood Sanitar., Act. Psychiat. Barnes Hosp. and Physician, St. Louis.

Birge, Edward Grant—S. B. Wisconsin 1903; Bacteriol. Back River Disposal Wks. Colgate, Baltimore, 1907-11; Asst. Bacteriol. Penna. R. R. Co. Altoona, Pa. 1911-12; Instr. Dept. Preventive Med. and Hygiene, Harvard Med. Sch. Boston 1912-15; Asst. Bact. State Bd. Health, Tampa, Fla. 1915-16; Bact. State Bd. Health, Jacksonville, Fla. 1916-17.—Physician, Madison, Wisc.; Capt. M. C.

Boyd, Montague Laffitte—Ph. B. Emory 1903; Interne, Walker Mem. Hosp. Wilmington, N. C. 1907-08; Private Asst. to Dr. H. H. Young, 1908-09; Asst. Res. Surg. J. H. H. 1909-10.—Andrologist, Wesley Mem. Hosp. Assoc. Prof. Urology, Emory Univ. Assoc. in Urol. Grady Hosp. and Surgeon, Atlanta; Capt. M. C., U. S. Army, A. E. F., France.

Bristol, Leverett Dale—S. B. Wesleyan (Conn.) 1903; Dr. P. H. Harvard 1918; Interne, Hartford Hosp. Conn. (summers), 1905-06; Instr. in Pathol. and Bacteriol. Coll. of Med. Syracuse Univ. N. Y. 1907-08; Phys. St. Paul Free Med. Disp. Assoc. Phys. Univ. Hosp. and Clin. Asst. Med. Univ. Minn. Med. Dir. St. Paul Anti-Tub. Com. Sec'y Clin. Sec. Nat. Assn. Study and Prevention of Tuberculosis, and Physician, St. Paul, Minn. 1908-12; Assoc. Prof. Bact. and Dir. Bact. Lab. Med. Dept. Syracuse Univ. N. Y. 1912-14; Prof. Bact. and Dir. State Public Health Lab. Univ. N. Dak. University 1914-16; Teaching Fel. Prev. Med. Harvard 1916-17. — State Comm. Health, Augusta, Me.

Brown, Chester Timothy—S. B. Rutgers 1903; Interne, N. Y. City Hosp. 1907-08.—Physician, 48 Brighton Ave., East Orange, N. J.

Brown, Wade Hampton—S. B. Nashville 1899, Chicago 1902-03; Interne, Union Protestant Infirmary, Balt. (until Sept. 1, '07); Instr. in Pathol. Univ. Virginia, Charlottesville, 1907-08; Instr. in Pathol. Univ. Wisconsin, Madison, 1908-10; Asst. Prof. Pathol. *ibid.* 1910-11; Prof. Histol. and Pathol. Univ. N. C. Chapel Hill, 1911-13.—Assoc. Member, The Rockefeller Inst. for Med. Resch. N. Y.

Bullock, Frederick Dabney—S. B. Ky. State Coll. 1899; Interne, German Hosp. N. Y. 1907-08; Asst. Pathol. R. I. Gen'l Hosp. Providence, 1908-09; Asst. in Cancer Research, Columbia Univ. 1909-13.—Associate in Cancer Research, *Ibid.*

Burbeck, Edward Kimball—A. B. Dartmouth 1903.—Physician, Salem, Mass.

Burnside, Charles — Ph. B. Iowa Coll. 1903; Interne, Passavant Mem. Hosp. Chicago, 1907-08. — Physician, Los Angeles, Cal.

Byfield, Albert Henry—A. B. Harvard 1902; Interne and Assoc. Attend Phys.

Michael Reese Hosp. Chicago, 1907-14; Asst. Pediatrics, N. W. Univ. 1913-14; Instr. Pediatrics, Univ. Mich. Ann Arbor 1914-15.—Prof. Pediatrics, State Univ. Iowa, Iowa City.

Carson, Waid Edwin—A. B. Ohio Wesleyan 1900; M. A., 1909; Spg. and Summer Qrs. Chicago 1903; Res. Phys. Allegheny Gen'l Hosp. Pittsburgh, 1907-08; Res. Phys. Wills Eye Hosp. Phila. 1914-15.—Physician, Jenkins Arcade, Pittsburgh; Lieut. M. C., U. S. N. R. F., Great Lakes, Ill.

Chesnutt, James H. — A. B. Virginia 1903; R. H. O. 1907-08.—Physician, Hot Springs, Ark.

Clark, Eliot Round—A. B. Yale 1903; Asst. Instr. Assoc. 1907-14. — Prof. Anat. Univ. of Mo. Columbia.

Clough, Paul Wiswall—S. B. Wisconsin 1903; R. H. O. 1907-08; Asst. and Instr. in Med. and Asst. Res. Phys. 1908-11; Instr. in Med. in chg. of Biol. Div. of Med. Clinic, and Asst. Res. Phys. 1911-13; Assoc. in Med. Res. Phys. and Medical Adviser to Students 1913-16.—Assoc. Prof. Medicine.

Cort, Edwin Charles—A. B. Washington and Jefferson 1901, and A. M. 1904; Student, West. Penna. Med. Coll. 1901-03; Externe in Med. 1907-08.—Act. Dean, Chiengmai Med. Sch. and Med. Missionary, Chiengmai, Siam.

Cronk, Fred Yohn — S. B. St. John's 1903, and A. M. 1907; F. A. C. S. 1915; Interne, Lakeside Hosp. Cleveland, 1907-09; Res. Surg. St. Agnes' Hosp. Balt. 1909-11; Surg.-in-Chief, M. E. Hosp. Guthrie, Okla. 1911-17.—Surgeon, Tulsa, Okla.

Cunningham, Robert Law—A. B. Wabash 1901; R. H. O. 1907-08; Res. Phys. Barlow Sanatorium, Los Angeles, 1908-11; Instr. Physiol. and Phys. Chem. U. Calif. 1909-10; Instr. in Med. and Physical Diag. U. Calif. 1910-12; Attend. Phys. Los Angeles Co. Hosp. 1911-14; Chief of Med. Dept. Selwyn Emmett Graves Dispen. U. Calif. 1911-14; Attending Physician, Barlow Sanatorium, and Physician, Los Angeles.

Davidson, Cline Flemming—S. B. Wabash 1900; Illinois 1901-03; R. H. O. 1907-08; Asst. Instr. Physiol. State Univ. Wash. 1908-09; Chief City Med. Inspec. Pathol. City Hosp. 1911-14.—Attend. Med. Clinic, Seattle Public Schs. and Physician, Seattle, Wash.; Capt. M. C., Mineola, L. I.

Dernehl, Paul Herman—S. B. Wisconsin 1903; Volun. Asst. Rostock, Germany, 1907-08; Asst. Ophthal. Clinic, Strassburg, 1908-09.—Ophthalmol. Mt. Sinai, Milwaukee Children's and Columbia Hosps. and Milwaukee Pub. Schs. and Physician, Milwaukee.

Dinsmore, William Wert—S. B. Alabama Polytechnic 1903; Physician, Decatur, Ala. 1907-10; State Dir. (Ala.) Rockefeller San. Comm. for Erad. Hookworm Disease, 1911-15; Act. State Health Officer, 1916.—State Prison Inspector State Inspr. Child Labor, and Physician, Montgomery.

Dochez, Alphonse Raymond—A. B. 1903; Rockefeller Student in Path. Physiol. J. H. U. 1908; Fellow in Path. Rockefeller Inst. for Med. Res. 1909-10; Bacteriol. Hosp. of the Rockefeller Inst. for Med. Res. N. Y. 1911.—Assoc. Mbr. Rockefeller Inst. Med. Resch.; Major, M. C., U. S. Army Aux. Laby. No. 1, *ibid.*

Dunlap, Robert Weyer—A. B. Washington and Jefferson 1903; Interne, West Penna. Hosp. Pittsburgh, 1907-08.—Med. Missionary, Amer. Presbyterian Mission, Chefoo, Shantung Prov. China.

DuPree, Dan Hughes — S. B. Georgia 1903; Grad. Student, Vienna, 1911; Director of Clinics, Univ. of Ga. Augusta, 1913.—Phys. to U. of Georgia, and Physician, Athens, Ga.; Capt. M. C., Camp Merritt, N. J.

Gatch, Willis Dew—A. B. Indiana 1901; R. H. O. 1907-08; Asst. Res. Surg. and Asst. in Surg. 1908-11.—Prof. of Surg. Med. Sch. Univ. of Ind. Indianapolis.

Graber, Henry — A. B. Ursinus 1903; Res. and Chief Res. Phys. Presbyterian Hosp. Philadelphia, 1907-10.—Physician, Royersford, Pa.

Greene, Inslee Blair—Ph. B. Yale 1902; Interne, M. E. Hosp. Brooklyn, N. Y. 1907-08; Res. Phys. Seattle, Municipal Hosp. 1909.—Physician, Central Bldg., Seattle, Wash.

Guthrie, Clyde Graeme—A. B. Lafayette 1903; R. H. O. 1907-08; Instr. in Med. 1908-13; Assoc. in Med. in Clin. Lab. 1913-14.—Asst. Res. Physician and Assoc. Prof. Med.; Capt. M. C. Base Hosp. No. 18.

Hahn, Milton — A. B. Harvard 1903; Interne, Mt. Sinai Hosp. New York, 1907-09; Visit. and Attend. Ped. Freedman's Hosp. and Physician, Washington, D. C. 1909-16.—Chf. Con. Phys. Mercy Hosp. Arkansas City, Kans.; Capt. M. C., Ft. Roots, Ariz.

Harrison, Aleck Perkins—A. B. Florida State Coll. 1899; Res. Phys. St. Agnes Hosp. Balt. 1907-08; Res. Phys. "Camp Greenbrier," Alderson, W. Va. (Summer of 1908); Private Phys. abroad, Summer, 1909; Phys. and Pathol. Springfield State Hosp. Md. 1909-10; Asst. Supt. State Hosp. Madison, Ind., 1911-15; Asst. Phys. Pontiac State Hosp. 1915-18.—Fld. Dir. State Bd. Hlth. Waco, Tex.

Hazlehurst, Franklin, Jr.—A. B. 1903; Act. R. H. O. 1907-08; Volun. Asst. Ear Clinic, Univ. of Strassburg, 1909-10.—Physician, 904 N. Charles St., Baltimore.

Hellenbrand, Ralph Wellington—A. B. Bowdoin 1903.—Res. Surg. New York Hosp. N. Y.

Hellweg, Elizabeth Singley—A. B. Woman's Coll. (Balt.) 1899.—Asst. Phys. Manhat. State Hosp. Ward's Island, N. Y.

Henry, Gladys Rowena—(Mrs. George F. Dick), S. B. Nebraska 1909; R. H. O. 1907-08; Asst. Res. Phys. 1908-09; Assoc. in Path. Rush Med. Coll.—Path. St. Luke's Hosp. and Physician, 911 Michigan Ave., Evanston, Ill.

Heuer, George Julius—S. B. Wisconsin 1903; R. H. O. Asst. Res. and Res. Surg. 1907-14.—Assoc. Prof. Surgery; Capt. M. C. Base Hosp. No. 18, France.

Hill, Eben Clayton—A. B. 1903; Grad. Student, Freiburg, Summer, 1904, 1916; F. A. C. P. Res. Phys. Camp Champlain, Burlington, Vt. 1907-08; Asst. in Anat. 1907-08; 1st Lieut. Med. Res. Corps, 1908-09; Grad. Army Med. Sch. 1909; 1st Lieut. 1909-11; Capt. Med. Corps, U. S. Army, 1912 (Retired, 1913).—Radiol. Vassar Hosp. Poughkeepsie, N. Y.; Mbr. Med. Ad. Bd. for N. Y. State.

Hincher, Charles Lane—S. B. Rochester 1903; Interne, Park Ave. Hosp. Rochester, N. Y. 1907-08.—O. P. D. Rochester Gen'l Hosp. and Physician, Rochester, N. Y.

Hopkins, Joseph Gardner—A. B. Columbia 1902; R. H. O. 1907-08; Asst. Prof. Bact. Columbia Univ. N. Y.; Capt. M. C., A. E. F., England.

Kelley, Herbert Lester — A. B. Dartmouth 1903; Asst. Surg. U. S. Navy 1907-10; Surgeon, U. S. Navy, Paris Island, S. C.

Krause, Allen Kramer — A. B. Brown 1901, and A. M. 1902, and Grad. Student 1901-03; Asst. and Instr. in Pathol. 1907-09; Asst. and Asst. Dir. Saranac Lab. for Study of Tuberculosis, Saranac Lake 1909-16.—Phys. Chg. Phipps Tb. Disp. and Assoc. Prof. Med.

Law, Sally Porter—(Mrs. Alexius McGlannan), A. B. Bryn Mawr 1903.—115 W. Franklin St., Baltimore.

Lyon, Bethuel Boyd Vincent—A. B. Williams 1903; Res. Phys. German Hosp. Phila. 1907-09; Dmnstr. in Med. Jeff. Med. Sch. 1909-16; Chf. Clinic, Gastro-Enter. Dept. Jeff. Hosp. 1913-16.—Pathol. Methodist Hosp. Asst. Pathol. German Hosp. and Physician, Philadelphia; P. A. Surg. U. S. N. R. F., Brest, France.

McLaughlin, Perry William—A. B. Pennsylvania Coll. 1903.—Physician, Newville, Pa.; 1st Lt. B. E. F., France.

Malone, Edward Fall—A. B. Vanderbilt 1903; Clin. Asst. Sheppard-Pratt Hosp. Towson, 1907; Student, Berlin, Germany, 1907-10.—Assoc. Prof. of Anat. Univ. of Cincinnati, O.

Orchard, Norris Gray—S. B. Fargo Coll. 1903; Interne, Rochester Gen'l Hosp. Rochester, N. Y. 1907-08.—Member Jr. Med. Staff, Rochester Gen'l Hosp. and Physician, Rochester.

Owens, Fred Thomas—A. B. Hamilton 1903, A. M. 1906; House Phys. City Hosp. N. Y. 1907-08.—Surg. to St. Luke's and Gen. Hosps. and Utica Disp. and Physician, Utica, N. Y.; Capt. M. C., Camp Zachary Taylor, Ky.

Palmer, Charles Benjamin—A. B. Harvard 1901; Med. Interne, Manhattan State Hosp. (6 mos.); Interne, N. Y. Post-Graduate Hosp. 1908-10; Phys. Las Chispas Mine, Sonora, Mexico, 1910-11.—Capt. U. S. A. Med. Res. Corps, A. E. F., France.

Parsons, William Turner—A. B. 1903; F. A. C. S. Asst. and Res. Surg. Balt. Eye, Ear and Throat Hosp. and Surg. Balt. 1901-15; Asst. Surg. Epis. Eye, Ear and Throat Hosp. and Surgeon, Washington, D. C.—Physician, Palmer, Mass.

Pauli, William Otto—A. B. Cincinnati 1902; Asst. Biol. 1902-03; R. H. O. 1907-08.—Instr. Obstet. Dmnstr. in Clin. Micpy. Ohio-Miami Med. Coll. 1909-11.—Physician, 3442 Burch Ave., Cincinnati.

Peirce, George—A. B. Haverford 1903; M. A. and Ph. D. Berlin 1912; Res. Phys. Dr. Grenfell's Hosp. St. Anthony, Newfoundland, 1907; Res. Phys. Penna. Hosp. Phila. 1908-09; Grad. Student, Berlin, Germany, 1910-12; Asst. in Physiol. Univ. Wisconsin, 1912-13, and Instr. in Pharmacol. *ibid.* 1913-14; Instr. in Urol. in chg. Chem. Lab. Brady Urological Clinic 1914-16.—Chemist, Colgate Co. Jersey City, N. J.

Pessagno, Eugene Leo—A. B. 1903; Interne, St. Joseph's Hosp. 1907-08; Asst. in Med. 1908-09.—Physician, 2314 E. Baltimore St., Baltimore.

Plaggemeyer, Harry Ward—A. B. 1903; Interne, Kings County Hosp. Brooklyn, N. Y. 1907-09; Res. Surg. St. Mary's Hosp. for Children, N. Y. 1909-10; Asst. Res. Surg. B.-U. Dept. J. H. H. 1910-13.—Attend. Surg. Grace Hosp. Jr. Surg. Harper Hosp. and Surg. Whitney Bldg., Detroit. Mich.

Preble, Paul—A. B. Bowdoin 1903; Res. Surg. St. Agnes Hosp. Balt. 1907-08.—Passed Asst. Surg. U. S. P. H. S. Ohio River Investigation, E. 3rd and Kilgour Sts., Cincinnati.

Randall, Alexander—A. B. St. John's 1902, and M. A. 1907; Grad. Student 1902-03; Interne, German Hosp. Philadelphia, 1908-09; Asst. to Dr. Young, Balt. 1909-10; Asst. Res. Surg. 1910-11.—Asst. Surg. G.-U. Disp. U. of Pa.

Asst. Instr. G.-U. Surg. U. of Pa. Asst. G.-U. Surg. Phila. Gen. Hosp.; Consult. Surg. Germantown Hosp. and Surgeon, Philadelphia; Capt. M. C. Base Hosp. No. 20.

Ray, Daniel Pattee—A. B. Dickinson 1903, A. M. 1908; Res. Phys. McKeesport Hospital, Pa. and West Penna. Hosp. Pittsburgh, 1907-08.—Urol. Conemaugh Valley Mem. Hosp.—Physician, Johnsown, Pa.

Rhodes, Clarence Adair—A. B. Randolph-Macon 1903; Interne, St. Vincent's Hosp. N. Y. 1907-08; Interne, Willard Parker Hosp. (3 mos.); Res. Phys. N. Y. Foundling Hosp. 1909-10; House Phys. (St. John's Guild), Sea Side Hosp. New Dorp. S. I. N. Y. 1910-11.—Attend. Phys. Wesley Mem. Hosp.; Pediatrist, Grady Hosp.; Phys.-in-Chief, Atlanta Children's Home; Phys.-in-Chief, Wesley House Free Clinic for Children; Attend. Phys. City Hosp. Contagious Diseases, and Physician, Atlanta, Ga.

Riley, Charles Woodward—A. B. 1903; Interne, Woman's Hosp. of the State of N. Y. N. Y. City, 1907-08; Interne, Riverside Hosp. N. Y. and Kingston Ave. Hosp. Brooklyn, 1908-09.—Major, M. C., A. E. F., France.

Ross, Mary Jane—A. B. Cornell 1898, and Ph. D. 1902; Woman's Med. Coll. of Penna. 1898-99; A. M. Pennsylvania 1900; Interne, Babies' Hospital, New York, June-Oct. 1907; Res. Pathol. St. Luke's Hosp. New Bedford, Mass. 1907-09.—Pedn. City Hosp. and Physician, Binghampton, N. Y.

Sandrock, Edgar Poe—A. B. 1903; Res. Phys. St. Agnes Hosp. Balt. 1907-09; Differentiator, J. H. Disp. 1911-12.—Asst. Disp. Phys. Dept. Gastro-Intest. and Physician, Balt.; Capt. M. C., A. E. F., France.

Schumacher, Hiram Sibley — Ph. B. Rochester 1903; House Officer, Rochester Homeopathic Hosp. N. Y. 1907-08.—Asst. Attend. Phys. Rochester Homeo. Hosp. and Med. Disp. and Physician, Rochester.

Scofield, Raymond Brown—S. B. Rochester 1902; Asst. Surg. U. S. P. H. and M. H. Service, Stapleton, S. I. N. Y. 1907-09; Asst. and House Surg. J. Hood Wright Mem. Hosp. N. Y. 1908-09.—Phys. Yonkers Tb. Hosp. and Disp. Asst. Chf. Surg. Disp. Yonkers Riverside Hosp. and Physician, Yonkers, N. Y.

Shallenberger, Will Farquhar — A. B. Washington and Jefferson 1903, and A. M. 1912; R. H. O. 1907-08; Asst. Res. Phys. 1908-09; Asst. Res. Gynecol. 1909-10; Res. Surg. Hosp. for Women of Md. 1910-11.—Con. Gyne. Flor. Crittenden Home; Visit. Gynecol. Ga. Baptist Hosp., Assoc. Prof. Gyne. Emory Univ. and Gynecologist. Atlanta. Georgia.

Smith, George Arthur—A. B. Yale 1903; Interne, The Hartford Hosp. 1907-08.—Physician, Stepney, Conn.

Smith, Joseph Tate, Jr.—A. B. 1903; R. H. O. and Asst. Res. Obstet. 1907-09; Res. Gynecol. Lakeside Hosp. Cleveland, 1909-10.—Dmnstr. in Gyn. and Obstet. West Reserve, Asst. Visit. Gyne. Lakeside Hosp. and Asst. Visit. Obstetn. Maternity Hosp. and Physician, Cleveland.

Souder, Charles Granville—S. B. Ohio State 1903.—Chief of Staff, Thalian Tuber. Disp. and Supt. Lucas Co. Tub. Hosp. Toledo, Ohio; Major, M. C. Field Hosp. No. 148, Camp Sheridan, Ala.

Stubenrauch, Charles Henry—A. B. 1903; Asst. Res. Phys. Church Home and Infirmary, Baltimore, 1907-08; Asst. in Med. 1908-10.—Physician, Havana, Illinois.

Turkington, Charles Henry—Ph. B. Yale 1903; Interne, Hartford Hosp. Conn. 1908-09.—Physician, Litchfield, Conn. Capt. M. C., Washington, D. C.

Watson, Percy Theodore—A. B. Carleton 1903; R. H. O. 1907-08.—Med. Missionary, Fenchow, Shansi, China.

***White, William Henderson**—A. B. Dickinson 1903; Interne, Paterson Gen'l Hosp. N. J. 1907-08; Interne, Riverside Contag. Hosp. North Bros. Is. N. Y. 1908-09; Hosp. Phys. N. Y. City Board of Health, Otisville Sanatorium, Otisville, N. Y. (*Died May* 9, 1918.)

Winternitz, Milton Charles—A. B. 1903; and A. M. Yale, 1917; Fellow, Asst. Instr., Assoc. and Assoc. Prof. of Pathol. 1907-17; Asst. Pathol. J. H. H. and Pathol. City Hosp. Bayview 1907-14.—Prof. Bact. and Path. Yale Med. Sch. and Pathol. New Haven Hosp. Conn.; Major, M. C., Washington, D. C.

Gilbert, George Burton — A. B. Yale 1903; Interne, Hartford Hosp. (Mar. to June), 1908; Res. Phys. Cragmor Sanatorium, Colorado Spgs. 1909-10.—Director, Webb. Tub. Research Lab. Consult. Phys. Cragmor and Sunnyrest Sanatoria, and Physician, Colo. Spgs. Colo. (*Degree granted Feb'y* 22, 1908.)

Hartman, George W.—S. B. California 1903; Res. Phys. The French Hosp. N. Y. 1907-08; House Surg. Flushing Hosp. Flushing, N. Y. 1908-09.—Adj. in G.-U. Surg. German Hosp. Staff S. F. Polyclin. and Assoc. Vis. Urol. S. F. Hosp., Lect. Urol. L. S. Jr. Univ. and Physician, San Francisco, Cal. (*Degree granted February* 22, 1908.)

Partridge, Carroll Dunham—S. B. Vermont 1900; Instr. Chicago Summer Qrs. 1904-05; Asst. Cornell 1900-02; Carnegie Research Asst. in Organic Chem. 1907-08; Pathol. Thos. Wilson Sanitarium, Md. 1907-08; Pathol.

State Infirmary, Tewksbury, Mass. 1908-10; Path. Albany Hosp. and Asst. in Path. Albany Med. Sch. Albany, N. Y. 1910-11; Prof. Pathol. and Bact. Univ. Ba. Med. Coll. Augusta, 1911-12; Asst. Bact. Univ. of Mich. Ann Arbor 1913-16; Instr. Bact. Marquette Univ. 1916-18.—Bact. Milwaukee Bd. Hlth. Wis. (*Degree granted February* 22, 1908.)

Shore, Clarence Albert — S. B. North Carolina 1901, M. S. 1902, and Med. Dept. 1903-04.—Director, State Lab. Hygiene, Raleigh, N. C. (*Degree granted January* 6, 1908.)

Tuttle, Lucius—A. B. Yale 1901; Microscopist, Univ. Hosp. Disp. 1907-09; Asst. Dmnstr. Pathol. Univ. of Penna. 1908-10; Dmnstr. Physiol. Jefferson Med. Coll. 1910-14; Assoc. in Physics, *ibid.* and Dir. Jeff. Physical Lab. 1913-16.—Assoc. in Physiol., *ibid*, Philadelphia (Aldan, Pa.). (*Degree granted April* 1, 1907.)

Wile, Udo Julius—A. B. Columbia 1904, and Med. Dept. 1903-04; Vol. Asst. Dermatol. Clinic, Berlin, 1908-09; Chief Clinic in Dermatol. and Syphilis, Beth Israel Hosp. Attend. Dermatol. Hebrew Infant Asylum; Instr. Dermatol. and Syph. P. G. Med. Sch. and Hosp. and Physician, N. Y. 1909-12.—Prof. Dermatol. and Syphilol. Univ. Mich. Ann Arbor; Major, M. C. (*Degree granted January* 6, 1908.) (76)

Class Secretary—Clyde G. Guthrie, Johns Hopkins Hospital.

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Appelbaum, Solomon J.—A. B. Rochester 1904; Interne, West. Penna. Hosp. Pittsburgh, 1908-09. — Asst. Phys. Gen'l Hosp. Disp. Phys. Roch-Phys. Genl. Hosp. and Physician, Rochester, N. Y.

Branch, Joseph Robson Bromwell—A. B. 1904; R. H. O. 1908-09; Med. Supt. The Macon Hosp. Macon, Ga., 1909-10; Attend. Gynecol. to Macon Hosp. and Gynecol. Macon, Ga. 1910-15.—Surg. Hunan-Yale Hosp. and Instr. in Surg. Hunan-Yale Med. Sch., Changsha, China; Capt. M. C., Camp Meade.

Brenizer, Addison Gorgas, Jr.—A. B. North Carolina 1904; Med. Student, *ibid*, 1903-04; Krebs Inst. Heidelberg, Summer, 1907; Interne, Univ. of Heidelberg, Germany, 1908-09; Externe, Univ. Vienna, 1909; Res. Surg. in charge Amer. Hosp. Paris, 1909-11.—Supt. The Brenizer Sanatorium, Charlotte, N. C.

Brotherhood, James Stewart—S. B. Dartmouth 1904; R. H. O. 1908-09; Asst. Res. Phys. and Asst. in Med. 1909-10; Res. Phys. Sydenham Hosp. Balt. 1910-11; Res. Phys. Wash. Univ. Hosp. and Asst. in Med. Wash. Univ. St. Louis, Mo. 1911-12; Assoc. Phys. Clifton Spgs. Sanitarium, N. Y. 1913-15.—Pathol. Butterworth Hosp. Path. Blodgett Mem. Hosp. and Physician, Grand Rapids, Mich.; Capt. M. C., U. S. A.

Bryant, Carl Herbert—Ph. B. Yale 1904; Interne, Hartford Hosp. Conn. 1908-10.—Physician, Kansas City, Mo.

Burns, Jonathan Edward, Jr.—A. B. Virginia 1904; Interne, Union Protestant Infirmary, Baltimore, 1908-09.—Asst. Res. and Disp. Urologist Instr. in Urol.; Capt. M. C., Fort McHenry.

Carstens, Christian Frederick — A. B. Lake Forest 1901; Interne, City Hosp. N. Y. 1908-09.—Physician, Hibbing, Minn.

Clarke, Ralph DeBallard—A. B. N. Y. Univ. 1904; Interne, Post-Grad. Hosp. N. Y. 1908-10; House Phys. Home for Convales. Babies, Sea Cliff, L. I. N. Y. 1910-11; Res. Surg. Nances Cay Hosp. Bocas del Toro R. de Panama, 1911-12.—P. A. Surg. N. N. V. U. S. N.

Cooke, Jean Valjean—A. B. West Virginia 1903, and Yale 1904; Harvard Med. Sch. (Summer), 1906; Instr. Pathol. Univ. and Bellevue Hosp. Med. Sch. N. Y. 1908-10; Res. Pathol. Penna. Hosp. Phila. 1910-11; Instr. Pathol. Tulane Univ. and Jr. Pathol. Touro Infirm. New Orleans, La. 1911-12; Asst. Prof. Pathol. and Dir. Lab. Animal Exp. Univ. of Calif. and Pathol. Univ. Hosp. and San Francisco Hosp. San Francisco 1912-17.—Assoc. in Pediatrics, Washington Univ. and Asst. Phys. St. Louis Childn's Hosp., St. Louis.

Coolahan, Edward Vincent—A. B. Rock Hill 1903; Res. Phys. St. Vincent's Hosp. St. John's Build, 1910; Res. Hosp. N. Y. 1908-10.—Phys. Floating N. Y. Foundling Hosp. 1910-11.—Asst. Disp. Phys. and Physician, Baltimore.

Coughlin, Frederick Aloysius — A. B. Brown 1904; Interne, City Hosp. Boston, 1908-10; Res. Surg. Carney Hosp. Boston, 1910-13.—Asst. Surg. St. Joseph's Hosp. and Surgeon, Providence, R. I.

Crowe, Samuel James—A. B. Georgia 1904; Asst. in Surg. (H. L.), 1908-09; Asst. Res. Surg. and Asst. in Surg. 1909-12.—Laryn. in Chg. and Assoc. Prof. of Clin. Laryngology.

Deming, Edward Adams—Ph. B. Yale 1904; Interne, N. Y. Health Dept. to Jan. 1, 1909; Interne, Hartford Hosp. Conn. 1909-10. — Physician, 580 Asylum St., Hartford.

***Denison, Henry Strong**—A. B. Cornell 1905; Interne, Mass. Gen'l Hosp. Boston, 1908-09.

Denner, William Reuben S. — A. B. Penna. Coll. 1904, and A. M. 1907; Interne, West. Penna. Hosp. Pittsburgh, 1908-09; Asst. in Clin. Pathol. Univ. Pittsburgh, 1909-10; Res. Pathol. St. Francis' Hosp. Pittsburgh, 1909-12.—Health Officer and Physician, Manchester, Md.

Derge, Herman Ferdinand—A. B. Wisconsin 1904; R. H. O. 1908-09.—Surgeon, Eau Claire, Wis.

Drinkard, Robert Uriel—S. B. Virginia Polytech. 1904; Interne, Nursery and Child's Hosp. N. Y. 1908-10.—School Inspector and Surgeon, Wheeling, W. Va.

Duke, William Waddell—Ph. B. Yale 1904; R. H. O. Mass. Gen'l Hosp. Boston, 1908-10; Grad. Student, Vienna and Tübingen 1910-11.—Prof. Exp. Med. Univ. of Kansas, Prof. Med. West Dental Coll.; Attend. Phys. Christian Church Hosp.; Cons. Phys. Kansas City Gen. and St. Margaret's Hosps. and Physician, Kansas City, Mo.; Mbr. Amer. Red Cross, France.

Evans, Herbert McLean—S. B. California 1904; Med. Dept. 1904-05; Asst. Instr. Assoc. and Assoc. Prof. of Anat. 1908-15; Resch. Assoc. Carnegie Instn. of Washington, 1913-15.—Prof. of Anat. Univ. of Calif., Berkeley.

Flanagan, James Thomas—A. B. Mt. St. Mary's 1903, and A. M. 1905; Grad. Student 1903-04; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1908-10; Adj. Visit. Obstet. Kings Co. Hosp. 1912; Clin. Asst. Surg. L. I. Coll. Hosp. 1911-12.—Asst. Visit. Phys. Kings Co. Hosp. and Physician, 361 Ocean Ave., Brooklyn, N. Y.

Frow, James Richard—A. B. Lafayette 1904; Grad. Student, Wisconsin, Summer, 1905; Interne, Wilkes-Barre City Hosp. Pa. 1908-09; Asst. Surg. Southern Branch Nat'l Home for Disabled Volun. Soldiers, Nat'l Soldiers' Home, Va. 1909-12.—Citrus Grower, Zolfo, De Soto Co. Fla. and Farmer, Dare, Va.

Fuerbringer, Ralph Ottomar—A. B. 1904; R. H. O. 1908-09; Asst. Surg. Clinic, Univ. of Marburg, 1910-11.—Physician, Saginaw, Mich.

Grimm, Randolph Macon—A. B. Randolph-Macon 1902, and A. M. 1903; Bacteriol. State Lab. Hygiene, Raleigh, N. C. (Oct. 1908); Asst. Surg. U. S. P. H. and M.-H. Service, 1908-12.—Passed Asst. Surg. U. S. P. H. Service, Laredo, Tex.

Grove, William Edward—A. B. Wisconsin 1904; Instr. in Pharmacol. Univ. of Wisconsin, Madison, 1908-09; Res. Phys. Clifton Spgs. Sanitarium, N. Y. 1909-11; Student in Berlin, 1911-12.—Physician, Wells Bldg., Milwaukee, Wis.

Gundrum, Frederick Fretageot—A. B. Leland Stanford, Jr. 1903; R. H. O. 1908-09; Dmnstr. in Anat. Univ. of Pittsburgh, and Res. Surg. St. Francis' Hosp. Pittsburgh, 1909-10; Dir. N. Calif. Bch. State Hygienic Lab. 1912-15; Vice-Pres. State Bd. Med. Ex. 1913-15; Cons. Phys. Sacramento Co. Hosp. Vice-Pres. State Bd. Health, and Physician, Sacramento, Cal.

Haas, Sylvan Lewis—S. B. California 1904; Res. Pathol. Lakeside Hosp. Cleveland, 1908-10; Interne, Lane Hosp. 1909-10.—Asst. in Surg. Stanford Univ. and Physician, San Francisco, Cal.; Capt. M. C., Presidio.

Hanes, Frederic Moir—A. B. North Carolina 1903; A. M. Harvard 1904; Student Leipzig and Freiburg 1905-06; R. H. O. 1908-09; Assoc. in Pathol. Coll. P. and S. Columbia, and Assoc. Visit. Pathol. Presbyterian Hosp. N. Y. 1912-13; Asst. Res. Phys. Rockefeller Hosp. N. Y.; Physician, O. P. D. Wash. U. Hosp. and Instr. in Neurol. Washington U. St. Louis 1913-14; Prof. Ther. Med. Coll. Va. Richmond, 1914-15.—Physician, Winston-Salem, N. C.; Major, M. C., Fort McPherson, Ga.

Hanson, Henry—A. B. So. Dakota 1902; Asst. Chem. Lab. 1902-04; Asst. Supt. and Pathol. Milwaukee Co. Hosp. Wauwatosa; Pathol. Trinity Hosp. and Assoc. Prof. Pathol. Milwaukee Med. Sch. Wis. 1908-09; Prof. Clin. Micpy. Wis. Coll. P. and S. 1909.—Director, Bact. Lab. State Board of Health, Jacksonville, Fla.; Capt. M. C., Ft. Oglethorpe, Ga.

Harrison, Paul Wilberforce—A. B. Nebraska 1905, and Med. Dept. 1903-05; Interne, Mass. Gen'l Hosp. Boston, 1908-09. — Medical Missionary, Kuwait, Persian Gulf, Arabia, via Bombay.

Higgins, William Harry—A. B. Central (Ky.) 1904; Interne, Allegheny Gen'l Hosp. Pa. and R. H. O. 1908-09; Asst. Res. Clifton Spgs. Sanitarium, N. Y. 1909-11; Med. Supt Hygeia Hosp. 1914-15.—Assoc. in Med. Coll. of Va. Physician, Richmond, Va.

Hill, Miner Clifford—S. B. Princeton 1904; Instr. in Pathol. N. Y. Univ. and Bellevue Hosp. Med. Sch. N. Y. 1908-09; Interne, St. Luke's Hosp. N. Y. 1909-10; Res. Pediatrist, Bellevue Hosp. 1910-12.—Asst. Attend. Ped. Harlem Hosp., Instr. Pediatrics N. Y. P. G. Med. Sch. and Physician, N. Y.

LaMont, Charles Augustus—A. B. Yale 1905; Interne, Hudson St. Hosp. N. Y. 1908-10. — Visit. Surg. Aultman Hosp., Health Officer, and Physician, Hosp. and Physician, Canton, O.

LeCron, Wilbur Leslie — A. B. 1904; Grad. Student Leipzig and Freiburg 1905-06; Interne, Hartford Hosp. Conn. 1908-10; Pathol. and Res.

Surg. Columbia Hosp. 1910-13.—Mem. Surg. Staff Children's Hosp. and Columbia Hosp. Librarian Milwaukee Med. Soc. and Surgeon, Milwaukee, Wis.; Mbr. Med. Ad. Drft. Bd.

Lindeman, Edward Emanuel — Ph. B. Yale 1905; Act. Asst. Surg. U. S. Pub. Health and Marine Hosp. Service, N. Y. (3 mos.); Asst. in Pharmacol. Univ. Mich. Ann Arbor, 1908-09; Dir. Tampa Lab. State Board Health, Fla. 1909-10; House Officer, Children's Hosp. Boston, 1910-11; Res. Phys. Bellevue Hosp. N. Y. 1911-12.—Physician, 40 E. 41st St., New York.

Lindsay, Janvier Whitton—A. B. Columbia 1904; Interne and Chief Res. Phys. Garfield Mem. Hosp. Washington, D. C. 1908-12.—Mem. Bd. Directors and Consult. in Med. Woman's Clinic; Pathol. Garfield Hosp. and Child's Hosp. and Physician, Washington, D. C.

Masenheimer, Harry Walter—A. B. St. John's 1904; Interne, Presbyterian Hosp. Pittsburgh, 1908-09; Res. Surg. Lakeside Hosp. Cleveland, 1909-13.—Dmnstr. Surg. West. Reserve Med. Sch. Visit. Surg. German Hosp. and Physician, Cleveland.

May, Charles Henry—A. B. Penna. Coll. 1904; Res. Phys. Presbyterian Hosp. Pittsburgh, 1908-09.—Physician, York, Pa.; Capt. M. C., Camp Meade.

Mayo, Robert William Bainbridge—A. B. Maryland Agricult. 1903, and M. S. 1904; Supt. Gulf Coast Sanatorium, Miss. 1908-09; Asst. Res. Church Home and Infirm. 1909-10; Res. Surg. Hosp. for Women of Md. 1910-12; Assoc. in Med. Coll. P. & S. 1912-15.—Instr. in Clin. Med. and Dispen. Phys. and Physician, Baltimore.

McCann, James Alphonsus—Ph. B. Brown 1904; Interne, R. I. Gen'l Hosp. Providence, 1909-11.—Externe Gyne. R. I. Gen. Asst. Vis. Phys. Providence City Hosps. and Physician, 142 Francis St., Providence.

McClure, Roy Donaldson—A. B. Ohio State 1904; Grad. Student Prague, 1906; House Surg. New York Hosp. N. Y. 1909-12; Asst. Res. Surg. J. H. H. 1912-13; Res. Surg. and Instr. in Surg. 1913-16.—Surg. in Chf. Henry Ford Hosp, Detroit, Mich.; Chmn. Med. Ad. Drft. Bd.; Capt. M. C., Camp Dodge, Ia.

McDonnell, Patrick Joseph—Ph. B. Wesleyan (Ct.) 1904; Interne, Providence Hosp. Washington, D. C. 1908-10; Asst. Res. Manhattan Maternity Hosp. N. Y. (to June 1, 1910); Phys. and Surg. Tonopah Mines Assn. 1910-15.—Physician, Archbald, Pa.; Capt. M. C., Camp Taylor, Ky.

Mills, Charles Wilson—A. B. Williams 1902; R. H. O. 1908-09; Asst. Phys. Loomis Sanatorium, Loomis, N. Y. 1910-17; Res. Phys. Cragmoor San. Colo. Spgs. 1917-18.—Physician, Colorado Springs.

Morrill, Warren Pearl—Ph. B. Michigan 1898; Med. Dept. Illinois, 1904-05; Interne, Children's Free Hosp. Detroit, 1908-09; Res. Phys. and Supt. Sydenham Hosp. Baltimore, 1909-12; Supt. Winnipeg Gen'l Hosp. Manitoba, 1912-13. — Physician, Benton Harbor, Mich.; Major, M. C., Fort Riley, Kans.

Ney, Grover Cleveland—A. B. Mt. St. Joseph's 1904, and A. M. 1908; Med. Supt. Hebrew Hosp. 1908-12.—Visit. Surg. *ibid*, Surg. B. & O. R. R. and Surgeon, Baltimore.

Oppenheimer, James Harry—A. B. Harvard 1904; R. H. O. 1908-09; European Clinics, 1909-10.—Physician, 158 Pine St., Providence, R. I.

Preston, Robert Sheffey—A. B. Hampden-Sidney 1903; A. M. Princeton 1904; Interne, Bellevue Hosp. N. Y. 1909-11.—Assoc. in Med. Instr. in Pathol. and Pediatrics, Med. Coll. of Va. and Physician, Richmond; 1st. Lt. M. C., Camp Meade.

Ray, Frederick Sylvanus—S. B. California 1904; R. H. O. 1908-09; Asst. Res. Surg. and Externe in Gynecol. 1919; Exam. Phys. for Girls in the Los Angeles City High Sch. 1910-16.—Exam. Phys. for Girls, State Normal Sch. and Physician, Los Angeles, Cal.

Ray, Lilian Emeline—A. B. Leland Stanford Jr. 1897, and A. M. 1901; Interne, The Hosp. for Women and Children, Syracuse, N. Y. 1908-09; Clin. Asst. Rochester State Hosp. N. Y. 1909; Exam. Phys. for Girls in the Los Angeles City High Sch. 1910-16.—Phys. for Girls, State Normal Sch. and Physician, Los Angeles, Cal.

Ridges, Alfred Joseph, Jr.—S. B. Utah 1900.—Visit. Phys. L. D. S. Hosp. and Physician, Salt Lake City, Utah.

Rinde, Hamilton—A. B. N. Dakota 1902. —Asst. Phys. Conn. Hosp. for Insane, Middletown.

Robinson, James Lee—A. B. Texas 1904; Summer Session, Harvard Med. Sch. 1906; Res. Pathol. Mass. State Hosp. Summer, 1908; R. H. O. 1908-09; Surg. Roanoke Rapids (N. C.) Mills Co. 1909; Contract Surg., 1st Lt. Med. Reserve Corps, U. S. Army 1910; Grad. Army Med. Sch. 1910-11; 1st Lt. Med. Corps, U. S. Army 1911-14.—Major M. C., U. S. Army, Fort Oglethorpe, Ga.

Scarborough, James Isaac—A. B. Princeton 1904; F. A. C. S. Interne, Asst. Res. and Res. Surg. Union Protestant Infirmary, Baltimore, 1908-12; Asst. Surg. Pathol. and 1st Surg. Asst. Mayo Clinic, Rochester, Minn. 1912-14.—Surgeon, 817 Boyle Bldg., Little Rock, Ark.

Selling, Laurence—A. B. Yale 1904; Res. House Officer, 1908-09; Fellow in Pathol. (Rockefeller-Grant), 1909-10.—Instr. Med. U. of Oregon, and Physician, Portland, Ore.

Shugerman, Harry Philip—A. B. Howard Coll. 1901; Columbia 1902-04; Interne, U. P. I. Balt. (3 mos.); Army Med. Sch. Washington, D. C. 1909-10.—Phys. Hillman Hosp. Phys. B'ghm Tuber. Disp. Disp. Instr. Med. U. of Ala. and Physician, Birmingham, Ala.

Stacy, Roland Leighton—A. B. Dickinson 1904, and A. M. 1907; R. H. O. 1908-09; House Surg. Ogdensburg City Hosp. N. Y. 1909-10.—P. A. Surg. U. S. P. H. S Physician, 134 Ford St., Ogdensburg, N. Y.

Thalheimer, William M.—S. B. Richmond 1903; Summer Sessions, Cornell 1902 and 1903; Interne, Mt. Sinai Hosp. N. Y. 1908-10; Instr. in Pathol. Univ. of Va. Charlottesville, 1910-11.—Asst. in Pathol. and Adj. Attend. Surg. Mt. Sinai Hosp. and Physician, New York.

Thomas, Albert Agnew—A. B. Indiana 1904; Interne, Allegheny Gen'l Hosp. Pa. 1908-09.—Physician, Linton, Ind.

Tracy, Dwight Wallace—Ph. B. Yale 1904; Interne, Hartford Hosp. Conn. 1908-09.—Member, Bd. of Health, and Physician, Hartford, Conn.

Vest, Cecil Woods—S. B. Iowa Coll. 1904; Externe in Gynecol. 1908-09; Asst. Dr. Kelly's Sanitarium, 1909-10; Asst. Res. Gynecol. 1910-12; Res. Gynecol. and Instr. 1912-13.—Physician, The Winona, Baltimore; Capt. M. C., Camp Meade.

Wilson, James Homer—Ph. B. Lafayette 1904; Interne, Gouverneur Hosp. N. Y. 1908-09; Med. Corps, U. S. Army, Washington, D. C. 1911-12.—Phys. for Allegheny Co. and Visit. Phys. West. Md. Hosp. and Physician, Cumberland; 1st Lt. B. E. F., France.

Worthington, Joseph Kent—A. B. Haverford 1903; Interne, Roosevelt Hosp. N. Y. 1908-09; Asst. Res. Urologist 1915-16; Attend. G. U. Surg. City Hosp.; Asst. in G. U. Surg. Ind. Univ.—Physician, Indianapolis, Ind.; Amer. Red Cross, France.

Clark, Webster Kimball—Ph. B. Yale 1904.—Pathol. Franklin Co. Hosp. and Physician, Greenfield, Mass. (*Degree granted April* 5, 1909.)

Porter, Frank Gibson—A. B. 1904; Pathol. Dr. Brown's Private Hosp. and Asst. Pathol. Mountainside Hosp. Montclair, N. J. 1908-09.—Physician, 2054 Woodberry Ave., Baltimore. (*Degree granted March* 1, 1909.)

Class Secretary—James S. Brotherhood, Fulton St., Grand Rapids, Mich.

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1909

Austrian, Charles Robert—A. B. 1904; R. H. O. 1909-10; Asst. and Instr. in Med. 1910-14; Asst. Res. Phys. in chg. Lab. Phipps Disp. 1911-13; Asst. Res. Phys. 1913-14; Assoc. in Med. and Asst. Phys. in chg. Biol. Div. 1914-15.—Phys. in chg. Phipps Disp. Assoc. in Clin. Med. and Physician, Baltimore

Baetjer, Walter Albert—A. B. 1905; R. H. O. 1909-10; Asst. in Med. and Asst. Res. Phys. 1910-11; Res. Phys. City Hosp. Bayview, 1911-12; Asst. and Instr. in Med. and Asst. Res. Phys. 1912-15; Assoc. in Med. in chg. Clin. Lab. 1915-16.—Assoc. in Clin. Med. and Dispen. Physician; Capt. M. C., A. E. F., France.

Bass, James Alvin—A. B. 1905.—Passed Asst. Surg. U. S. Navy.

Birdsong, Julian Lee—S. B. Nashville 1899; Interne, Hartford Hosp. Conn. 1909-11. — Physician, 110 High St., Hartford, Conn.

Budd, Samuel Walthall—A. B. Hampden-Sidney 1904; Grad. Student 1904-05; R. H. O. 1909-10; Pathol. Norfolk Protest. Hosp. 1910-14.—Assoc. Prof. Pathol. and Assoc. in Med. Coll. of Va. Richmond.

Burrows, Montrose Thomas—A. B. Kansas 1905; Asst. Rockefeller Inst. for Med. Research, N. Y. 1909-11; Instr. Anat. Cornell, N. Y. 1911-15; Assoc. in Pathol. and Act. Res. Pathol. J. H. H. 1915-17.—Assoc. Prof. Pathol. Wash. Univ. St. Louis; 1st Lt. M. C. (inactive).

Cashman, Bender Zelotes—A. B. Pennsylvania Coll. 1905; Interne, West. Penna. Hosp. Pittsburgh, 1909-10; Res. Surg. St. Francis' Hosp. Pittsburg, 1910-12.—Surg. 226 S. Evaline St., Pittsburgh, Pa.; 1st Lt. Base Hosp. No. 27, A. E. F., France.

Cecil, Arthur Bond—A. B. St. John's 1905; Late Asst. Surg. U. S. Navy, 1909-10; Grad. U. S. Naval Med. Sch. 1910; Asst. Surg. N. Y. Naval Hosp. 1910; Asst. to Dr. Young, 1911-12; Asst. Res. Surg. 1912-13.—Surgeon, Los Angeles.

Child, Florence Chapman—A. B. Bryn Mawr 1905; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1909-10; Interne, Babies' Hosp. N. Y. 1911; Clin. Asst. Gyn. and Pediatrics, Women's Hosp. of Phila. 1912; Visit. Phys. Florence Crittenden Home of Phila. 1913; Sch. Med. Inspector, 1913-15; Asst. Kensington Disp. for Tub. Chf. Clinic, Chldn. Jewish Hosp. Dis. 1913-16.—Med. Inspector Div. of Child Hygiene, and Physician, Philadelphia; Amer. Red Cross, France.

Cole, Walter Francis—S. B. Clemson 1902; A. B. North Carolina 1905.—Surgeon, Greensboro, N. C.

Connett, Harry Lewis — Ph. B. Ohio Univ. 1905; Phys. Dr. Hyde's Private Hosp. Nelsonville, O. 1910-12.—Asst. Prof. Pathol. Creighton Med. Sch. and Physician, Omaha, Neb.

Crawford, Jennings—Ph. B. Coe 1905; Interne, Hartford Hosp. Conn. 1909-11.—Physician, Cedar Rapids, Ia.

Dimon, James Watson Williams—A. B. Williams 1905; House Phys. Faxton Hosp. Utica, N. Y. 1909-10.—Physician, 1300 State St., Utica, N. Y.

Elliott, John Roscoe — A. B. Western Maryland 1905.—Interne and Asst. Supt. R. I. Gen'l Hosp. Providence, 1909-12. — Physician, Laurel, Del.; Capt. M. C., Camp Sheridan, Ala.

Emmert, Max—A. B. Iowa 1905.—Surgeon, 603 Brandeis Bldg., Omaha, Neb.

Essick, Charles Rhein—A. B. Yale 1905; Asst. Instr. and Assoc. in Anat. 1909-15.—520 Franklin St., Reading, Pa.; Capt. Army Neuro-Surg. Lab. J. H. M. S.

Estes, William Lawrence, Jr. — A. B. Lehigh 1905; R. H. O. 1909-10; Asst. in Mayo Clinic, Rochester, Minn. 1910-12.—Chief Staff, St. Luke's Hosp. Consult. Phys. Lehigh Univ. and Physician, South Bethlehem, Pa.; Capt. M. C., Camp Upton, L. I.

Ferenbaugh, Thomas Ludlow—A. B. Kenyon 1905; Grad. Army Med. Sch. Wash. D. C. 1910.—Lt.-Col. Med. Corps N. A., A. E. F., France.

Fisher, Arthur Oscar—A. B. Wisconsin 1905; R. H. O. 1909-10; Asst. Res. Surg. 1910-11; Asst. and Instr. in Surg. Washington Univ. 1911-18; Assoc. *ibid.* and Visit. Surg. St. Louis City Hosp.; Asst. Surg. Barnes Hosp. and St. Louis Childrn's Hosp.; Surg. O. P. D. Wash. Univ. and Surgeon, St. Louis.

Fletcher, H. Quigg — A. B. Georgia 1904; R. H. O. 1909-10; Asst. Res. Surg. U. P. I. Balt. 1910-11.—Visit. Phys. Baroness Erlanger Hosp. Woolford Infirmary; Director, Health and Sanitation, City of Chattanooga; 1st Lieut. M. C. U. S. Army, and Physician, Chattanooga, Tenn.

Gentry, Ernest Robert—A. B. Kansas 1905, and Med. Dept. 1905-1906; Army Med. Sch. Washington, D. C. 1909-10; Lab. Surg. Gen'l Office, Wash. Summer, 1910; 1st Lieut. Med. Corps, U. S. Army, Ft. Leavenworth, Kans. 1910-11; Mem. U. S. Army Bd. for Study Trop. Diseases, and Capt. Med. Corps, U. S. Army, Ft. Screven, Ga. 1916-17; Post Surg. Leavenworth, Kans, 1917.—Lt. Col. N. C., U. S. A., Washington, D. C.; Major, M. C., U. S. A., Surg.-Gen. Office, Washington, D. C.

Girdwood, Ethel Mathews—(Mrs. George Peirce), A. B. Bryn Mawr 1903; Asst. in Pathol. Univ. Wisconsin, Madison, 1912-13.—Upper Montclair, N. J.

Goetsch, Emil—S. B. Chicago 1903, and Ph. D. 1906; Fellow, Asst. and Assoc. in Anat. *ibid.* 1904-08; Research Asst. Dept. of Exp. Therapeut. *ibid.* 1908 and 1909; Asst. and Assoc. in Surg. (H. L.), 1909-18; Asst. Res. Surg. 1910-12; Res. Surg. Peter Bent Brigham Hosp. and Asst. in Surg. Harvard Med. Sch. Boston 1912-15.—Assoc. Prof. of Surgery.

Hart, William Ernest—S. B. Washington and Jefferson 1905; House Gynecol. Roosevelt Hosp. N. Y. 1909-11; Interne, Manhattan Maternity Hosp. 1911; Tuxedo Hosp. Tuxedo, N. Y. 1911-12.—Asst. Attend. Surg. Washington Hosp. Con. Phys. Hilleview Sanitarium, and Physician, Washington, Pa.

Harvey, Thomas William, Jr. — S. B. Princeton 1905; Interne, Presbyterian Hosp. N. Y. Surg. N. Y. Lying-in Hosp. (to Jan. 1912).—Asst. Attend. Surg. Orange Mem. Hosp. Anest. New Jersey Ortho. Hosp. and Physician, Orange, N. J.; Capt. M. C., A. E. F., France.

Jeans, Philip Charles — A. B. Kansas 1904; Interne, Hartford Hosp. Conn. 1909-10; Interne, Children's Hosp. Boston, 1910-11; Interne, Boston Floating Hosp. Res. Phys. Boston Disp. Hosp. for Children, 1911-12; Res. Phys. St. Louis Child. Hosp. 1912-13; Asst. Instr. and Assoc. in Pediatrics, Wash. Univ. Med. Sch. from Sept. 1912-18.—Asst. Phys. St. Louis Chldn. Hosp.; Chf. Children's Clinic Wash. Univ. Disp.; Assoc. Prof. Pediatrics, Washington Univ. St. Louis.

Kingsley, Charles Rawson, Jr.—S. B. New York Univ. 1905; R. H. O. 1909-10.—Adj. Phys. S. I. Hosp. West New Brighton, N. Y.

Mann, Baldwin—A. B. Williams 1905; House Officer, N. Y. City Hosp. 1909-10.—Instr. in Med. U. of Buffalo; Asst. Attend. Phys. Erie Co. and Buffalo Gen. Hosps. and Physician, 469 Franklin St., Buffalo, N. Y.; Mbr. Red Cross Base Hosp. Unit No. 23.

Meader, Fred Marlin—S. B. Wesleyan (Conn.) 1902, and M. S. 1905.—Dir. Div. Communicable Diseases, N. Y. State Dept. Health, Albany.; Capt. M. C., A. E. F., Winchester, Eng.

Moss, Philip Ball—S. B. Central (Ky.) 1905; Interne, Union Prot. Infirmary, 1909-10; State Pathol. Montgomery, Ala. 1910-16.—Phys. and Surg. Selma, Ala.

Murphy, James B.—S. B. North Carolina 1905; Med. Interne, Pathol. Inst. Ward's Is. N. Y. 1909-10.—Assoc.

Mem. The Rock. Inst. for Med. Res New York; Major, M. R. C., U. S. A., S. G. Office, Washington, D. C.

Nixon, Patrick Ireland—A. B. Texas 1905; R. H. O. 1909-10; Asst. Res. Surg. 1910-11.—Assoc. Gyne. Green Mem. Hosp. and Surgeon, San Antonio, Texas.

Pretz, George Rupp—S. B. Penna. Coll. 1905, and M. S. 1908.—Surgeon, Lebanon, Pa.

Schaefer, Solomon W.—A. B. Washington and Lee 1904; R. H. O. 1909-10; Gyn. County Hosp. and Surg. Attend. Free Disp. and Phys. Portland, Ore. 1910-12; Res. Phys. The Glockner Sanatorium 1912-15.—Physician, 612 Exchange Natl. Bank, Colorado Springs.

Sellards, Andrew Watson—A. B. Kansas 1903, and A. M. 1904; Instr. Tropical Med. and Asst. Res. Phys. Philippine Gen'l Hosp. and Asst. to Bureau of Science, Manila, P. I. 1909-11; Asst. Res. Phys. and Instr. in Med. in chg. Chem. Div. Med. Clinic 1911-14; Assoc. in Trop. Med.—Harvard Med. Sch. Boston; Maj. M. C., Camp Devens, Mass.

Sprunt, Thomas Peck—A. B. Davidson 1903; Asst. Instr. and Assoc. in Pathol. and Asst. Res. Phys. 1909-15.—Assoc. in Med. and Actg. Phys.-in-Chg. City Hosp.; Capt. M. C., Camp Jackson, S. C.

Stewart, James Russell — A. B. Lake Forest 1905; Interne, New Haven Hosp. Conn. 1909-10.—Asst. Res. Adirondack Cottage, Sanitarium, Saranac Lake, 1911-12.—Physician, Hageman Bldg., Colorado Springs, Colo.

Stick, Edward Wentz—A. B. Franklin and Marshall 1904; House Officer, M. E. Hosp. Philadelphia, 1909-10; Chief Res. Phys. Kensington Hosp. for Diseases of Women, Phila. 1910-11.—Physician, Hanover, Pa.

Thomson, Herbert Sedgefield—S. B. California 1904; House Officer and Surg. New York Hospital, 1909-11; Phys. Public Athletic League and Phys. Baltimore, 1911-12.—Instr. in Surg. Univ. Calif. Med. Dept. and Physician, Berkeley.

***Trotter, Charles Edward**—S. B. N. C. Coll. Agricult. and Mechanic Arts 1903; Grad. Student 1904-05.

Waite, Robert Lester — Ph. B. Yale 1905; Clin. Asst. South Balt. Eye, Ear and Throat Hosp. 1909-10.—Asst. Ophthalmic and Aural Surg. Hartford Hospital, and Physician, Hartford, Conn.

Walker, Isaac Chandler—A. B. 1905; Grad. Student Harvard 1909; Med. House Officer, Carney Hosp. Boston, 1909-11; Lect. Clin. Micpy. and Phys. Diag. Univ. of Ia. Iowa City, 1911-12; Grad. Student, Freiburg 1912; Asst. in Pharmacol. Harvard Med. Sch. 1913; Asst. in Med. Harvard and Act. Res. Phys. Peter Bent Brigham Hosp. 1914; Military Hosp. France, 1915.; Actg. Physn. Peter Bent Brigham Hosp. and Asst. Prof. Med. Harv. Med. Sch., Boston.

Wallace, William Glenn—S. B. Hanover 1905; Interne, New Haven Hosp. Conn. 1909-11.—Attend. Surg. Mem. Meth. Hosp. and Physician, Mattoon, Ill.; Chmn. Local Bd.

Walton, Duncan Cameron — A. B. St. John's 1905.—Passed Asst. Surg. U. S. Navy, Marine Brks., Quantico, Va.

Watkins, Leon Harlan—A. B. Southern 1903, and A. M. 1905; R. H. O. Asst. Res. and Res. Gynecol. 1909-14.—Physician, Birmingham, Ala.

Webb, Charles Wallace—S. B. Arkansas 1905; R. H. O. 1909-10; Res. Surg. Clifton Spgs. Sanitarium, N. Y. 1910-12; Asst. Res. Physician, 1912-13.—Surg. Clifton Spgs. Sanitarium, Clifton Springs, N. Y.

Wiesender, Arthur James—A. B. Ripon 1905; R. H. O. 1909-10.—Physician, Berlin, Wis.

Woltereck, Gustav Herman—A. B. 1905; Asst. Phys. Balt. City Jail, 1909-10; Asst. Phys. Maryland Penitentiary, 1910-12; Asst. in Pathol. Coll. P. and S. 1912-15.—Throat Inspec. for Baltimore, and Physician, Baltimore.

Wyatt, Walter Simrall—S. B. Alabama 1904, and M. S. 1905; Med. Interne, Lakeside Hosp. Cleveland, 1909-11; House Officer, Boston City Hosp. Boston, 1911.—1st Lt. M. C., Albany, Ala.

Youmans, Iva Catherine—A. B. Converse 1897; N. Y. Univ. Summer Sch. 1904; Interne, N. Y. Infirmary for Women and Children, 1909-10; Asst. Bacteriologist, State Bd. Health, Miami, 1910-17. — Pathol. Riverside Hosp., Jacksonville, Fla.

***Coan, Thomas Patrick**—A. B. Mt. St. Joseph 1903. (*Degree granted March 7, 1910*). **Feb.* 2, 1912.

Cooper, Ernest—A. B. South Carolina 1900; Pathol. and Bact. State Hosp. for Insane, 1911-13.—Supt. S. C. Sanatorium, Columbia, S. C. (*Degree granted January* 3, 1910.)

***Torrey, Julia Maria** — A. B. Boston Univ. 1888. (*Degree granted January* 3, 1910.) **May*, 1911. (53)

Class Secretary—Walter A. Baetjer, 16 W. Madison St., Baltimore.

1910

Allen, Mary Dayton (Mrs. George F. Zoeckler)—A. B. Mt. Holyoke 1905; R. H. O. 1910-11; Res. Phys. The Woman's Hosp. Hamadan, Persia, 1912-14.—Physician, Daulatabad, Malayir, Persia.

Armstrong, Edward McPherson — A. B. Princeton 1904; Rhodes Scholar, Oxford 1905-08; and B. Sc. 1908; Student, Prag. and Edinburgh Universities (Summers, '06 and '07); Surg. House Officer and Surg. New York Hosp. 1910-12; Res. Surg. Tuxedo Hosp. Tuxedo, N. Y. 1912-13.—Asst. Adj. Attend. Surg. Bellevue Hosp. Asst. in Surg. Hosp. Rupt. and Crippled, N. Y., Asst. in Clin. Surg. Cornell, and Surgeon, 42 E. 66th St., N. Y.

Baker, Moses Haven — S. B. Purdue 1905; Interne and Res. St. Francis' Hosp. Pittsburgh, 1910-12.—Physician, Diamond Bank Bldg., Pittsburgh; Capt. M. C.

Barbour, Henry Gray — A. B. Trinity (Conn.) 1906; Fellow in Pathol. 1910-11; Research Student, Freiburg, Germany, 1911, Vienna, 1912, and London, 1913.—Asst. Prof. Pharm. Yale Med. Sch. and Consult. Pharm. U. S. Bureau of Mines, New Haven, Conn.

Boehm, Emil—S. B. St. Louis Univ. 1906; Interne, Bellevue Hosp. N. Y. 1910-13.—Surgeon, 715 N. 8th St., St. Louis, Mo.

Bole, William Symington—S. B. Montana Agricult. 1906.—Physician, Great Falls, Mont.

Bookwalter, Carl Ferdinand—S. B. Purdue 1900; Asst. and House Surg. N. Y. Eye and Ear Infirm. 1910-11; Interne, Kingston Ave. Hosp. Brooklyn, N. Y. 1912; Grad. Work, Europe, 1912-13. — Instr. in Otology, Northwestern Univ. Asst. Attend. Otol. Wesley Mem. Hosp. Asst. Surg. Ill. Char. Eye and Ear Infirm. and Physician, Chicago, Ill.

Butler, Ethan Flagg—A. B. Princeton 1906; Volun. Med. Asst. Labrador Med. Mission, Summers, 1908-1909, and 1910; Asst. Mayo Clinic, Rochester, Minn. 1911-14; Director, Serbian Unit 2, Amer. Red Cross, War Relf. Detachment, 1914-15.—Major, M. C., Bellevue Hosp., N. Y.

Calihan, Walter Austin—A. B. Rochester 1906; Res. Surg. St. Agnes' Hosp. 1910-12.—Jr. Surg. St. Mary's Hosp. and Surgeon, Rochester, N. Y.

Carter, Ross Stagg—A. B. Leland Stanford, Jr. 1905.—Physician, San Diego, Cal.; 1st Lieut. M. C.

Chambers, Thomas Rodney—A. B. 1906; Interne, St. Agnes' Hosp. 1910-11; Asst. in Pathol. Mercy Hosp. 1911-12; Assoc. in Surg. Coll. P. and S. 1913-14.—Coroner, Asst. Disp. Surg. and Physician, Baltimore.

Choate, Joseph Lynn—A. B. Leland Stanford, Jr. 1906; A. M. Southern Calif. 1907, and Med. Student 1906-08; Cooper Med. Coll. 1907; Student, Strassburg and Freiburg 1909, and Münich, 1912.—Physician, 215 W. 6th St., Los Angeles.

Cody, Claude Carr, Jr.—A. B. and A. M. Southwestern 1904 and 1905; Student of Medicine 1905-07; Interne, Bellevue Hospital, New York, 1907-09.—New Orleans, La.

Conner, Haskett Lynch—A. B. DePauw 1906; Interne, Church Home and Infirmary, 1910-11.—Physician, Claypool Bldg., Indianapolis, Ind.; 1st Lt. M. C., Camp Gordon, Ga.

Collenberg, Henry Theodore—A. B. 1906. —Res. Phys St. Agnes' Hosp. 1911-12; Assoc. in Physiol. and Clin. Med. U. of Md. and Assoc. Phys. and Clin. Path. St. Agnes' Hosp,; Mbr. Bd. Med. Exrs. for Md. and Phys. Balto.

Costello, Henry Nicholas—A. B. Yale 1906; Interne, Hartford Hosp. Conn. 1910-12.—Asst. Visit. Surg. Hartford Hosp.; Med. Exam. City of Hartford, and Surgeon, Hartford.

Dandy, Walter Edward—A. B. Missouri 1907, and Student of Med. 1906-07; A. M. J. H. U. 1911; Asst. and Instr. in Surg. 1910-18.—Asst. Surg. and Assoc. in Surg.

Deming, Clinton Demas — A. B. Yale 1907, and Student of Med. 1906-07; Asst. in Pathol. 1910-11; Interne, Hartford Hosp. 1911-13.—Asst. Visit. Surg. Hartford Hosp. and Surgeon, Hartford, Conn.

Denzer, Bernard Solomon — A. B. Columbia 1906; Interne, The German Hosp. New York, 1910-13. — Asst. Admit. Phys. German Hosp. Adj. Attend. Phys. Lebanon Hosp. and Physician, N. Y.; 1st Lt. U. S. A., A. E. F., France.

Devan, Thomas Alan — S. B. Rutgers 1906. — Interne, Presbyterian Hosp. New York.

Edlavitch, Baruch Mordecai—A. B. 1906; Res. Pathol. Hebrew Hosp. Baltimore 1910-11; Pathol. Univ. Hosp. Ia. State Univ. Iowa City, 1912.—Pathol. Hope Hosp. and Physician, Fort Wayne, Ind.; 1st Lieut. M. C., Ft. Oglethorpe.

Engle, Ralph Landis—A. B. Lebanon Valley Coll. 1905; A. M. Yale 1906; Interne, Bellevue Hosp. N. Y. 1911-13; Grad. Student, Univs. Vienna and Berlin 1913.—Physician, 827 S. 60th St., Philadelphia.

Fenton, Horace Burnett—A. B. Oregon 1906; Instr. Physiol. and Thera. U. of Ore. Med. Sch. 1911-13.—Physician, Stevens Bldg., Portland, Ore.

Gilcreest, Edgar Lorrington — A. B. Texas 1906; Interne, Lakeside Hosp. Cleveland, 1910-13; Serbian Red Cross Surg. at Kragoujevaatz, Serbia, and Vol. Asst. Surg. Staff Univ. Gratz, Austria, 1913-14; Amer. Red Cross Surg. Paignton, England, 1915.—Surg. Dallas, Tex.; 1st Lt. M. C., A. E. F., France.

Ginsberg, Hyman—B. S. Georgia, 1906; Interne, Lane Hosp. San Francisco, 1910-12; Asst. in Surg. Birmingham Med. Sch. Gynecol. Hillman Hosp. Birmingham, Ala. 1912-15.—Surgeon, Pensacola, Fla.; 1st Lt. U. S. A., B. E. F., France.

Gorham, Lemuel Whittington — A. B. Yale 1906; R. H. O. 1911; Asst. in Path. City Hosp. Boston, 1912-13.—Instr. in Med. Albany Med. Coll. Asst. Attend. Phys. Albany Hosp. and Physician, Albany, N. Y.; Capt. M. R. C., Base Hosp. No. 33, A. E. F., France.

Grimes, William Lawrence—S. B. North Carolina 1906; Res. Surg. Union Protestant Infirmary 1910-14. — Surgeon, Winston-Salem, N. C.

Hall, Crowell Clarinton, Jr.—A. B. Bowdoin 1906.—Physician, Foxcroft, Me.

Hegeman, Runkle Fisher—A. B. Princeton 1906; R. H. O. 1910-11; Res. Phys. N. Y. Foundling Hosp. N. Y. 1911-12; Res. Phys. N. Y. Nursery and Child's Hosp. 1912-13; Res. Surg. St. Mary's Free Hosp. for Children, N. Y. 1913.—Obstet. Somerset Co. Hosp. and Physician, Somerville, New Jersey; Capt. M. C., Camp Kearney, Cal.

Jarvis, Henry Gildersleeve—A. B. Yale 1906; Interne, Conn. Hosp. for the Insane, Middletown (to Jan. 1, 1911); Interne, Hartford Hosp. Conn. (after Jan. 1911.—Physician, 98 High St., Hartford; 1st Lt. M. C., A. E. F., France.

Johann, Albert Eugene—A. B. Christian 1906; Grad. Student, Chicago Summer of 1906; Senior House Officer, Boston Floating Hosp. (Summer, 1911); Interne, Boston Children's Hosp. 1910-12.—Div. Hygiene, Pub. Schs. Lincoln, Neb.

Ledbetter, Samuel Laban, Jr. — S. B. Alabama 1906; Res. Surg. Lakeside Hosp. and Clin. Asst. Surg. Med. Dept. West. Reserve Univ. Cleveland 1910-15.—Visiting Surg. St. Vincent's Hosp. Assoc. Surg. Hillman Hosp. and Surgeon, Nat. Bank Bldg., Birmingham, Ala.

Major, Ralph Herman—A. B. William Jewell 1902; Student, Leipzig, Munich and Chicago, 1904-06; R. H. O. 1910-11; Asst. Res. Phys. and Asst. in Med. 1910-12; Instr. Pathol. Stanford Med. Sch. San Francisco 1912-14.—Prof. Pathol. Univ. Kansas, Rosedale; Capt. M. C., A. E. F., France.

Mattice, Albert Francis—S. B. South Dakota State Coll. 1904, Ph. G. Washington State Coll. 1906; Ophthal. Clinic and Bacteriol. Research with Prof. Theo. Axenfeld, Freiburg, Germany, 1910-12; Ophthal. Clinic and Pathol. with Prof. E. Fuchs, Vienna, Austria 1912-13; Private Asst. Dr. Alex. Duane; Clin. Asst. Herman Knapp Mem. Eye Hosp. N. Y. 1913-14.—Oculist, Cobb Bldg., Seattle, Wash.

Miller, Sydney Robotham—S. B. New York Univ. 1905; R. H. O. 1910-11; Asst. and Instr. in Clin. Med. and Dir. of Med. Lab. Phipps Psychiatric Clin. 1912-18.—Assoc. in Clin. Med. Dispen. Physician, and Physician, Baltimore.

Monroe, Dana Elbra—A. B. Texas 1906; Interne, Nursery and Child's Hosp. N. Y.—House Officer, Post-Grad. Hosp. New York.

Morris, Raymond Bartlett—A. B. Yale 1907, and Student of Med. 1906-07; Interne, Union Protestant Infirmary, Baltimore, 1910-11. — Attend. Surg. Higgins Mem. Hosp. and Physician, Olean, N. Y.

Morrison, Angus Washburn—A. B. Yale 1906; Interne, Royal Victoria Hosp. Montreal, 1910-11; Europe, 1911-12.—Asst. Prof. Nerv. and Mental Diseases, Univ. of Minnesota, and Physician, Minneapolis; Capt. M. C., A. E. F., France.

***Morse, Douglas Howell**—S. B. California 1907, and Med. Student, 1906-07; R. H. O. 1910-11; Clin. Path. Wash. Univ. Med. Sch. St. Louis, 1911-12; Path. Pomona Valley Hosp. 1914-15.—Div. Lab. Barlow Sanatorium, Los Angeles, Cal. (*May* 8, 1917.)

Neel, James Craig—Ph. B. Marietta 1906; R. H. O. and Asst. Res. Gyne. 1910-14; Gynecol. in Chg. Res. Gynecol. and Instr. in Gynecol. 1914-15.—Instr. Gyne. and Obstet. U. of Calif. and Assoc. Gyne. Univ. Hosp. San Francisco.

Newcomb, William Bradford—A. B. William and Mary 1906; House Phys. New York Hosp. 1910-12; Asst. Pathol. *ibid.* 1912-13.—Attend. Phys. St. Christopher's Hosp. and Pathol. Norfolk Prot. Hosp. and Physician, Norfolk, Va.

Nichols, Firmadge King—A. B. 1906.—Res. Phys. Obstet. and Gynecol. St. Agnes' Hosp. 1910-12.—Assoc. in Gynecol. and Obstet. St. Agnes' Hosp. Assoc. in Physiol. U. of Md. Capt. Med. Res. Corps, U. S. Army, Post. Surg. Ft. Howard, Asst. Dispen. Phys. and Physician, Baltimore; Capt. M. C., Ft. Howard.

Nicholson, Samuel Timothy, Jr.—A. B. North Carolina 1906; Res. Phys. Telfair Hosp. for Women, Savannah, Ga. June, 1910-July, 1911; Visit. Phys. St. Joseph Lead Co. Hosp. Bonne Terre, Mo. July, 1911-Dec. 1911; Asst. Clin. Pathol. Washington Univ. Hosp. St. Louis, 1912; Supt. Sydenham Hosp. for Infectious Diseases, Baltimore, 1912-13; Pathol. Clifton Spgs. Sanitarium, New York, 1914-15.—Physician, Sanitorium, Clifton Spgs. N. Y.; 1st Lt. M. C., Ft. Riley, Kans.

Norton, Willey Higby—A. B. Ohio 1906; —Res. Gynecol. Lakeside Hosp. Cleveland, 1910-12; Res. Surg. Hinton Hosp. Hinton, W. Va. 1912-13; Prof. Bact. and Asst. Dean, Univ. Oregon, 1914-15; Prof. Bact. and Hygiene, *ibid.*—Phys. and Surg. Med. Sch. Portland, Ore.; Capt. M. C., Rockefeller Inst., N. Y.

Orr, Thomas Grover—A. B. Missouri 1907; Student of Med. 1906-07; Interne, Kansas City Gen'l Hosp. Mo. (July 1 to Jan. 1); House Officer, Hudson St. Hosp. New York, 1911-12; House Surg. St. Mary's Hosp. for Children, N. Y. 1912-13.—Asst. Prof. Surg. U. of Kansas, Chf. O. P. D. Surg. Clin. Univ. of Kansas, and Surgeon, Kansas City.

Pratt, Jean Paul — A. B. Ohio State 1906; R. H. O. and Asst. Res. Surg. 1910-13; Instr. in Surg. Univ. of Calif. San. Francisco, 1913-16.—Asst Surg.-in-Chf. Ford Hosp. Detroit.

Ramage, Chesney Macauley—S. B. West Virginia Univ. 1907, Supt. Fairmount Hosp. No. 3, W. Va.

Rhodes, Robert Lewis — A. B. Emory 1906; Gynecol. Jefferson Hosp. Roanoke, Va. 1910-16.—Instr. Gyne. U. of Ga. and Surg. 2505 Belleview Ave., August, Ga, 1st Lieut. M. C. U. S. Army, Camp Greenleaf, Ga.

Robinson, Harry Hungate—A. B. Michigan 1907, Med. Student 1906-08; Interne, St. Elizabeth's Hosp. Elizabeth. N. J. 1910-12.—1st Lieut. Med. Corps. Spokane, Wash.

Rogers, Walter Black—A. B. Washington and Jefferson 1906; Interne, St Francis' Hosp. Pittsburgh, 1910-11; Res. Surg. Lakeside Hosp. 1911-16. —Instr. in Surg. West. Res. U. and Asst. Lakeside Hosp. Cleveland; Capt. M. C., Hosp. No. 9, B. E. F., France.

Rohde, Alice — S. B. Chicago 1903.—Mary Putnam Jacobi Fellowship, Berlin, German, 1910-13; Instr. Physiol Chem. Carnegie Inst. of Tech. Pittsburgh, Pa. 1913-14; Asst. in Pharmacol. 1914-16; Asst. Prof. Resch. Med. Univ. of Cal. San Francisco 1916-18.—Asst Prof Biol Chem. Univ. of Pittsburgh, Pittsburgh, Pa.

Rosenfeld, James Wendel—A. B. Leland Stanford, Jr. 1906; Asst. Phys. Kgl Univ. Kinderklinik, Breslau, 1910-12 —Instr. in Ped. Univ. of Oregon, and Pediatrician, Portland.

Sanderson, Raymond—S. B. Princeton 1905; Asst. Res. Phys. The Sanitarium, Clifton Springs, N. Y. 1910-11; Bact. and Pathol. Ontario and Yates Counties Lab. Canandaigua, N. Y. 1911-14; Pathol. Ulster Co. Lab. and City of Kingston Hosp. Kingston, N. Y. 1914-17.—Path. Vassar Bros. Hosp. Poughkeepsie, N. Y.

Semmes, Raphael Eustace, Jr.—A. B. Missouri 1907, and Student of Med. 1906-07; R. H. O. 1910-11; Interne Woman's Hosp. N. Y. 1911-12.—Assoc. in Surg. Univ. Tenn. Asst. Attend. Surg. Brinkley Mem. and City Hosps. and Surgeon, Memphis, Tenn.

Senseny, Herbert Milford—A. B. Adelbert 1906; Interne, Milwaukee County Hosp. Wauwatosa, Wis. 1910-12. —Oculist and Aurist, Ft. Wayne, Ind. 1st Lieut. M. C., U. S. A.

Sheetz, John William—Ph. B. Franklin and Marshall 1906; Interne, St. Francis' Hosp. Pittsburgh, 1910-12; Asst. Res. Phys. 1912-13.—Asst. in Med. Ohio State Univ. and Physician, Columbus, O.; Capt. M. C., Camp Sherman, Ohio.

Stephenson, Henry Augustus—A. B. Randolph-Macon 1906; R. H. O. and Asst. Res. Obstet. 1910-12; Res. Obstet. and Instr. in Obstet. 1912-14. —Asst. Prof. Obstet. and Gynecol Stanford Univ. San Francisco; 1st Lieut. M. C., Fort Riley, Kans.

Taylor, Howard Lester—A. B. Oberlin 1906; Res. Phys. Lakeside Hosp. Cleveland, 1910-13.—Instr. Med. West. Res. Univ. and Physician, Cleveland; Capt. M. C., A. E. F., France.

Thornton, William Lawson—S. B. Alabama Polytech. 1903; Interne, Union Protestant Infirmary, 1910-12.—Physician, Empire Bldg., Birmingham, Ala.; Capt. M. C.

Tredway, Thomas Palmer—A. B. Western Maryland 1906; Interne, Adrian Hosp. Punxsutawney, Pa. 1910-11.—Med. Inspec. Erie Pub. Schs. Pathol. Hamat Hosp. Phys. Home Friendless, and Physician, Erie, Pa.

Valk, Arthur deTalma—A. B. St. John's 1906, M. A. 1911; R. H. O. 1910-11; Res. Surg. Kernan Hosp. for Crippled Children. 1911-12.—Surgeon, Winston-Salem, N. C.

Vanorden, Herbert Francis—Ph. B. Yale 1907, and Student of Med. 1906-07; Jr. Int. Boston Floating Hosp. 1909; Interne, Kansas City Gen'l Hosp. 1910-11.—Instructor in Gyne. and Obstet. Kansas Univ.; Obstetn. Florence Crittenton Home, and Physician, Kansas City, Mo.

Watson, Clyde Emil—S. B. W. Virginia 1905; Interne, Samuel Merritt Hosp. Oakland, Cal. 1910; Asst. Prof. Anat. and Path. West Virginia Univ, and Phys. Morgantown, W. Va. 1910-12.—Physician, Nampa, Idaho; Capt. M. C., Camp Meade.

Watson, Helen—(Mrs. M. C. Winternitz), A. B. Wellesley 1905; R. H. O. Asst. Res. Phys. and Asst. in Med. 1910-14.—New Haven, Conn.

Weinberg, Milton—A. B. South Carolina 1906; Asst. Dir. Rural Sanitation for So. Car. Manning, 1910-12; Physi-

cian, Telfair Hosp. for Women, and Physician, Savannah, Ga. 1912-14.—Asst. Phys. Tuomey Hosp. and Phys. and Surg. Sumter, S. C.; 1st Lieut. M. C., Camp Sheridan, Ala.

Wenning, Theodore Henry—A. B. St. Xavier 1904; Grad. Student, Cincinnati 1904-06; Interne, Roosevelt Hosp. N. Y. 1910-12; Red Cross Volun. Serbian Sanitary Corps, Kragvjewatz, 1913. — Attend. Phys. St. Mary's Hosp.; Instr. Biol. St. Xavier Coll. and Physician, Cincinnati.

Wesson, Miley Barton — S. B. Texas 1902; Interne, Hudson St. Hosp. N. Y. 1910-12.—Dir. El Paso Pasteur Inst. 1st Lieut. Med. Res. Corps, and Phys. and Surg. El Paso, Tex.; Capt. M. C., 54th Engineers, France.

Whitcraft, James Harvey—S. B. Wooster 1905; Interne, Kansas City Hosp. Mo. (after Jan. 1, 1911).—Physician, Wilkinsburg, Pa.; Capt. M. C., Camp Devens, Mass.

Zartman, Luke V.—A. B. Ohio State 1906; Interne, Hosp. for Women of Maryland; Act. Asst. Res. J. H. H. 1910-11; Res. Church Home and Infirmary, 1911-13.—Instr. in Surg. Ohio State Univ. and Surgeon, Columbus, Ohio. (69)

Class Secretary—Sydney R. Miller, 11 E. Chase St., Balto., Md.

1911

Adams, Lester—A. B. Bowdoin 1907; Interne, St. Francis' Hosp. Pittsburgh, Pa. 1911-12; Res. Phys. City Hosp. Bayview, 1912-14. — Pathol. Eastern Maine Gen'l Hosp. Bangor; Capt. M. C., U. S. Army, Camp Upton, N. Y.

de Angulo, Cary Fink—A. B. Vassar 1906.—Stanford Univ. Calif.

Bedinger, John Van Doren—S. B. Princeton 1907; Interne, Willard Parker and Bellevue Hosps. N. Y. 1911-13.—Asst. in Pediatrics, Univ. of Louisville; Visit. Phys. City Hosp. and Physician, Louisville, Ky. 1st Lieut. Fld. Hosp. No. 1, Ky. N. G. Ft. Fld. Hosp. No. 151, M. C. U. S. N. G., Camp Shelby, Miss.

Bennett, Walter Scott—A. B. Colgate 1904; Interne, Norwegian Hosp. Brooklyn, N. Y. 1911-12; Res. Seaton Hosp. N. Y. 1913; Asst. Phys. Sailors' Snug Harbor Hosp. New Brighton, S. I. N. Y. 1914.—Asst. Attend. Phys. Norwegian Hosp. and Physician, Brooklyn, N. Y.; Mbr. Med. Ad. Bd. N. Y.

Bird, William Edwin, Jr.—A. B. 1907; Asst. Res. Surg. St. Agnes' Hosp. Baltimore, 1911-12; Res. Surg. *ibid.* 1912-13.—Ed. Del. State Med. Jour. Surg. Del. State Tb. Hosp., Asst. in Obstet. Del. Hosp. and Surgeon, Wilmington, Del.

Bloomfield, Arthur Leonard—A. B. 1907; R. H. O. 1911-12; Asst. Res. Phys. and Asst. and Instr. in Med. 1912-17.—Assoc. and Res. Physician and Med. Adviser to Students.

Booth, John Rochester—A. B. Randolph-Macon 1907; Interne, Bellevue Hosp. N. Y. 1912-13; Interne, Manhattan Maternity Hosp. N. Y. 1913-15.—Physician, 687 Monroe Ave., Rochester.

Brockway, George Edward, Jr.—A. B. Williams 1907; Summer Session, Cornell 1907; Interne, Kings Co. Hosp. Brooklyn, N. Y. 1911-13; Interne, Bellevue Hosp. 1913-14; Res. Ped. St. John's Guild, Floating Hosp. N. Y.; Res. Phys. Kings Co. Hosp. 1914-15.—Phys. chg. Chldn. Disp. King's Co. Hosp.; Asst. in Pediatrics, *ibid.*, and Physician, 150 Lafayette Ave., Brooklyn, N. Y.

Brooks, Barney R.—S. B. Texas 1905 H. O. 1911-12; Res. Surg. Barnes Hosp. 1914-16. — Assoc. in Surg. Wash. Univ. Med. Sch. Asst. Surg. Barnes Hosp. and Wash. Univ. Disp. St. Louis.

Carter, Earle Buell—Ph. B. Yale 1907; Interne, Norwegian Hosp. Brooklyn, N. Y. 1911-13.—Physician, 631 Albany Ave., Hartford, Conn.

* **Cohn, Joseph David**—A. B. Texas 1907. Visit. Surg. Spohn Sanitarium, in chg. G.-U. Dept. Charity Clinic, and Physician, Corpus Christi, Tex. **Died, Sept.* 30, 1918.

Collinson, John, Jr.—A. B. St. John's 1907; Interne, James Walker Mem. Hosp. Wilmington, N. C. 1911-12; Res. Phys. Polyclinic Hosp. Philadelphia, 1912-13; Interne, N. Y. Nursery and Child's Hosp. N. Y. 1913; Sanitary Field Dir. Internat. Health Comm. N. C. 1913-15; Ga. 1915; Va. 1915-16.—Md. Dept. Health, Deputy State Health Office; 1st Lieut. M. C., U. S. Proving Grnds., Aberdeen, Md.

Colston, John Archibald Campbell—Ph. B. Yale 1907; R. H. O. 1911-12; Asst. Res. Surg. 1912-14.—Instr. Urology; Capt. M. C. Base Hosp. No. 18, A. E. F., France.

Council, Melton Downie—Ph. B. Emory 1905; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1911-12; Res. Phys. Macon (Ga.) Hosp. 1912-13.—Physician, 320 Orange St., Macon; Capt. M. C., Camp Wheeler, Ga.

Crawford, Francis Randolph — A. B. Washington and Lee 1906; Interne, St. Francis' Hosp. Pittsburgh, 1911-12; Asst. Surg. Clifton Springs Sanitarium, N. Y., 1912-13; Student, Berlin, 1913-14. — Physician, Kiangyin Hosp. Sthn. Presby. Mission, Kiangyin, China.

Davis, David Melvin—S. B. Princeton 1907; Interne, City Hosp. Bayview,

1911-12; Asst. in Pathol. 1912-14.—Pathol. Brady Urol. Inst. and Assoc. in Urology; 1st Lieut. M. R. C., A. E. F., France.

De Sautelle, William Thomas — A. B. Wisconsin 1908, and Student of Med. 1907-08; Interne, Harlem Hosp. New York, 1911-12; Pathol. Lincoln Mem. Hosp. Knoxville, 1912-13.—Visit. Path. and Bact. Knoxville Gen'l Hosp. and Physician, Knoxville, Tenn.

Dunn, William Milas—A. B. Davidson 1903; Summer Session, Columbia 1907; House Officer, Mass. Gen'l Hosp. Boston, 1911-12. — Surgeon, Atlanta, Georgia.

Dunning, Ralph Henry — A. B. Yale 1907; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1911-12; Asst. Phys. St. Lawrence State Hosp. Ogdensburg, N. Y. 1912-13.—Physician, Eastwood, N. Y.; Capt. M. C. 4th Amb. Co. N. Y. Guard, Syracuse, N. Y.

Fried, Hiram—A. B. 1907; Interne, City Hosp. Bayview, 1911-12; Asst. Phipps Research Lab. for Tuberculosis, 1912-13; Pathol. Church Home and Infirm. 1913-15.—Asst. Disp. Phys., Path. Church Home and Infirm. and Hebrew Hosp. and Physician, Baltimore.

Frontz, William Archibald—A. B. Princeton 1907; R. H. O. 1911-12.—Instr. in and Res. Urologist.

Fullerton, William Dixon—Ph. B. Yale 1907; Res. Gynecol. Lakeside Hosp. Cleveland, 1911-13; Interne, Sloane Maternity Hosp. N. Y. 1913-14; Res. Obstet. Maternity Hosp. 1914; Dmnstr. in Obster. Gynecol. West. Res. Univ. Asst. Gynecol. O. P. D. Lakeside Hosp. and Physician, Cleveland.

Gallagher, Hiram—A. B. Catholic Univ. of America 1907; Summer Session, Univ. of Chicago 1907; Winter Semester, Freiburg 1908-09; Interne, St. Francis' Hosp. New York 1911-14; Physician, Strong Bldg., Los Angeles, Cal.

Gilland, Thomas Henry—Ph. B. Lafayette 1907; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1911-12.—Physician, Greencastle, Pa.

Grant, Ernest Owsley—A. B. Central Univ. of Ky. 1907; Interne, Lakeside Hosp. Cleveland, 1912-13.—Assoc. in Urol. Univ. of Louisville; Surg. Visit. Urol. City Hosp. and Surgeon. Louisville, Ky.; Major, Field Hosp. No. 152, Camp Shelby, Miss.

* **Grey, Ernest George**—A. B. Wisconsin 1907; Asst. in Anat. and Student of Med. 1907-08; R. H. O. 1911-12; Asst. Res. Surg. Peter Bent Brigham Hosp. and Asst. in Surg. Harvard, 1912-16.—Asst. Res. Surg and Instr. in Surg. **Died October* 12, 1915.

Gross, Elmer Chester—B. L. Whitman Coll. 1906; Res. Phys. Seattle Gen'l Hosp. 1911-12.—Physician, Ellamar, Alaska.

Hammack, Roy Wallace—A. B. Univ. of Oregon 1907.—Instr. and Asst. Prof. Path. and Bact. Univ. of the Philippines, Manila, 1911-14; Interne, Los Angeles Co. Hosp. 1915-16; City Bact. Los Angeles, Cal. 1916.—Path. Los Angeles Co. Hosp. Cal.

Hartman, Clifford Clinton—S. B. and M. S. Pennsylvania Coll. 1907; Interne, St. Francis' Hosp. Pittsburgh 1911-12; Fellow in Path. U. of Pittsburgh 1912-13; Asst. Path. Allegheny Gen. Hosp. 1913-14.—Asst. Staff, Allegheny Gen. Hosp. and Physician, Pittsburgh; Capt. M. C., Camp Lee, Va.

Hawkins, William Hall—A. B. Central Univ. of Ky. 1906; Student, Hosp. Coll. of Med. 1906-07; Interne, Bellevue Woman's and Sloan Hosps. New York 1911-15; City Phys. and Visit. Surg. St. Joseph's Hosp. Lexington, Ky. 1915-16; Adm. Phys. and Asst. Supt. N. Y. Hosp. 1916-17; Instr. Surg. Columbia 1917-18.—Adj. Asst. Visit. Surg. Bellevue Hosp; Asst. Visit. Surg. Volun. Hosp. and Surgeon, N. Y. City; 1st Lieut. M. C., N. Y.

Hendry, Ernest Singleton—A. B. 1907; Asst. Res. Phys. Union Protestant Infirmary 1911-13.—Physician, Stonleigh Ct. Washington, D. C.

Hetfield, William Brawner—A. B. Catholic Univ. of America 1907; Interne, Brooklyn Hosp. New York, 1911-13.—P. A. Surg. U. S. N.; Lieut.-Comndr., Washington, D. C.

Hubert, Anna—A. B. Univ. of Washington 1901, and A. M. 1904; R. H. O. 1911-12; Asst. Res. Surg. N. E. Hosp. for Women and Children, Boston, 1912.—Res. Surg. N. Y. Infirmary, for Women and Children.

***Hudson, William Rutledge**—A. B. Washington and Lee 1906; Interne, Hosp. for Women of Maryland, Balt. 1911-13.—Physician, Huntington, W. Va. (*Drowned, July* 23, 1916.)

Hunnicutt, John Atkinson, Jr.—A. B. U. of Georgia 1907; Interne, Lakeside Hosp. Cleveland, 1911-12; Asst. in Surg. 1912-13.—Surgeon, Mut. Ins. Bldg., Athens, Ga.

Hunt, Barbara — A. B. Vassar 1906; U. of Maine Summer Sch. 1907; Interne, N. Y. Infirm. for Women and Children, 1911-12. — Med. Inspect. Schools, and Physician, Bangor, Me.; Director and Surg. N. Y. Women's Hosp Unit, France.

Ives, George—A. B. Wisconsin 1907; Med. Student, Univs. of Chicago and Wisconsin 1907-09; Asst. State Bacteriol. Montgomery, Ala. 1911-12; Path. N. Chgo. Hosp. 1912; Asst. Prof. Path. St. Louis Univ. and Pathol. St. John's Hosp. St. Louis, 1913-15;

Asst. in Derm. Wash. Univ. 1916-17.—Asst. in Clin. Med. Wash. Univ., Path. Md. Baptist San., Consult. Path. U. S. Marine Hosp., and Physician, St. Louis.

Jacobson, Conrad—S. B. Beloit 1900; Grad. Student Chicago, three Summer Qrs. Asst. in Surg. Hunterian Lab. 1911-12.—Res. Surg. Peter Bent Brigham Hosp. Boston.

Jenison, Nancy Blanche—A. B. Wells 1898; Grad. Student Chicago, 1907.—Interne, N. Y. Infirm. for Women and Children, 1911-12. — Attend. Phys. N. Y. Infirm., Sheldon Fellow in Med. and Asst. Phys. in Disp. Cornell, Instr. in Phys. Diag. Cornell, and Physician, New York.

Judd, Charles Chauncey Winsor—A. B. Kenyon Coll. 1907; Interne, Union Protestant Infirm. Baltimore, 1911-12; Assoc. in Clin. Pathol. Coll. P. and S. and Visit. Clin. Pathol. Mercy Hosp. Con. Path. St. Joseph's Hosp. Asst. Path. Franklin Sq. Hosp. 1915-16; Assoc. Prof. in Med. U. of Md.—Clin. Path. So. Balto. Hosp., Physician, 1701 Madison Ave., Baltimore.

Keith, Norman Macdonnell—A. B. Toronto 1908, and Med. Student 1906-08; Interne, New York Hosp. N. Y. 1912-14; Instr. in Medicine 1914-17.—Capt. R. A. M. C. 13th Gen. Hosp., B. E. F., France.

Ketron, Lloyd Warren — A. B. Grant Univ. 1907; Asst. in Dermatol. Disp. 1911-12; Grad. Stu. Dermatol. Clinic Charité Hosp. Berlin, and U. of Vienna, 1912-13.—Assoc. in Clin. Dermatol. and Asst. Disp. Phys. and Physician, Baltimore.

Keyser, Tedrow Sylvester—A B. Wittenberg 1907; Interne, Lakeside Hosp. Cleveland, 1911-12; Interne, Bloomingdale Hosp. 1913; Interne, Phipps Psychiatric Clinic, 1913-14; Res. Phys. and Chf. of Clin. Neurol. Institute, N. Y., 1914-15.—Instr. Nerv. Dis. West. Res. Univ.; Phys. Lakeside Hosp. Disp.; Vis. Neur. City Hosp. and Neurol., 422 Osborn Bldg., Cleveland, O.; 1st Lieut. M. C., B. Hosp. 56, A. E. F., France.

***Kinsey, Oliver, Jr.**—A. B. Virginia 1907, and Med. Student, 1907-09; Interne, Church Home and Infirm. Baltimore, 1911-12; Surg. U. S. Army, Ft. Washington, Md. (**Died, March 24, 1914.*)

Kissling, Arthur Charles—A. B. Wisconsin 1906, and Med. Student 1907-09; Interne, Jefferson Surgical Hosp. Roanoke, Va. 1911-12.—Asst. Laryn. and Otol. Disp. Rush Med. Coll. Chicago, and Otol. and Laryn., Majestic Bldg., Milwaukee, Wis.

Kline, Benjamin Schoenbrun — A. B. Swarthmore 1907; Interne, City Hosp. Bayview, 1911-12; Asst. in Pathol. 1912-14; Fellow, Phys. and Pharm. Rockefeller Inst. for Med. Resch. New York 1914-15; Instr. Path. Columbia and Path. Montefiore Home and Hosp. N. Y. 1915-17.—1st Lieut. M. C. and Path. U. S. A. Base Hosp. No. 18, A. E. F., France.

Knott, Howard James—S. B. Whitman Coll. 1907; Res. Phys. Seattle Gen. Hosp. 1911-12.—Assoc. Childn. Clin. Tuber. Div. Seattle Hlth. Dept.; Phys.-Chg. Children's Hosp. Firland San.; 1st Lt. Med. Res. Corps, U. S. A. and Physician, Seattle, Wash.; 1st Lieut. M. C. Base Hosp. No. 50, A. E. F.

Lange, Linda Bartels—A. B. Bryn Mawr 1903; Interne, New York Infirm. for Women and Children, 1911-12; Fellow in Pathol. and Bact. Rockefeller Inst. 1912-14; Path. The H. A. Kelly Hosp. Inc. 1914-15; Instr. in Path. Wisc. 1915-16.—Instr. in Med.

Leaper, Warren Eugene—A. B. Wisconsin 1908, and Student of Med. 1907-08; Interne, Rhode Island Hosp. Providence, 1911-13; Asst. Res. Gynec. Lakeside Hosp. Cleveland, 1913-14.—Visit. Phys. St. Mary's Hosp. and Brown Co. Tuber. Sanat'm, and Physician, Green Bay, Wis.

Leonard, Veader Newton—Ph. B. Yale 1907; Student Univ. of Freiburg, 1907-08; R. H. O. Asst. Res. and Res. Gyne. and Dispen. Gynecol. 1911-16.—Asst. Prof. of and Asst. Attend. Gyne. N. Y. P. G. Hosp.; Surg. Women's Hosp. N. Y., and Surgeon, N. Y.

Licht, William Henry — S. B. Trinity Coll. (Ct.) 1907; House Phys. Hartford Hosp. Conn. 1912-13; House Phys. (Ped.) Presby'n Hosp. and Interne, Babies' Hosp. N. Y. 1914-16.—Physician, Waterbury, Conn.

Lisser, Hans—A. B. California 1907; R. H. O. 1911-12; Asst. in Med. Washington Univ. Med. Sch. St. Louis 1913-14; Asst. in Med. Univ. of Cal. 1914-17.—Instr. in Med. Univ. of Cal. Med. Sch. and Physician, San Francisco; Chf. Ex. Surg. Local Exmp. Bd.

Luten, Drew William—A. B. Kentucky State Univ. 1901; Fellow, Vanderbilt Univ. 1903-04; Interne, St. Francis' Hosp. Pittsburgh, Pa. 1911-12.—Res. Phys. Barnes Hosp. and Asst. in Med. Washg. Univ. Med. Sch. St. Louis, 1915-17.—P. A. Surg. U. S. N. R. F., Great Lakes, Ill.

MacCurdy, John Thomson — A. B. Toronto 1908, and Student of Med. 1906-08; Fellow in Pathol. 1911-12; Psychiatric Clinics, Munich and Breslau, "Histo-Path. Labs." 1912.—Asst. Psychiatric Inst. Ward's Island, N. Y. Visit. Neur. Randall's Is. Hosp. N. Y.; Asst. Dept. Psycho-Path. Cornell and Physician, Pleasantville, N. Y.; Fellow N. Y. Acad. Med.; 1st Lieut. M. C. Base Hosp. No. 17, A. E. F., France.

McNeil, Herbert Lee—A. B. Southwestern Univ. 1906; Grad. Student Univ. of Texas 1906-07; Interne, St. Agnes' Hosp. Baltimore, 1911-12; Interne, Willard Parker Hosp. (4 mos.); Phys. in chg. Floating Hosp. St. John's Guild, N. Y. (2 mos.).—Prof. Clin. Med. and Clin. Path. Univ. Texas, Vis. Phys., Galveston.

Maas, Monroe A.—A. B. Univ. of Alabama 1907; Asst. Res. and Res. Church Home and Infirm. Baltimore, 1911-14. —Physician and Surg. Selma, Ala.

Merriam, Charles Goodwin—A. B. Yale 1907.—Surg. Md. Steel Co. Sparrows Pt., Md.

Miller, James Raglan—A. B. Yale 1907; Voluntärarzt, Univ. Frauenklinik, Munich, Friberg and Vienna, 1911-14; Visit. Obstet. Hosp. Women of Md. Instr. in Clin. Obstet. 1914-15.—Asst. Obstet. and Gyne. Hartford Hosp. Hartford, Conn.; 1st Lieut. M. C., A. E. F., France.

O'Donnell, James Aloysius—A. B. Loyola 1906; Grad. Student 1906-07; Res. Gynecol. and Obstet. St. Joseph's Hosp. 1911-13.—Physician, 405 Warren Ave., Baltimore.

Perkins, Ralph Sherburne—A. B. Dartmouth 1907; Interne, Worcester City Hosp. Worcester, Mass. 1911-12. —Physician, Exeter, N. H.; 1st Lieut. M. C., N. Y.

Plass, Everett Dudley—A. B. Colgate 1907; R. H. O. 1911-12; Asst. in Obstet. and Asst. Res. Obstet. for 1912-14.—Asst. Res. Gynecol. Sloan Hosp. for Women, N. Y. 1913-14; Res. Obstet. 1914-15.—Instr. in Obstet. and Asst. Visit. Obstetrician; 1st Lieut. M. C., A. E. F., France.

Potter, Caryl Ashby—A. B. Missouri 1908, and Student of Med. 1907-08; House Gynecol. Roosevelt Hosp. New York, 1911-13; Prof. Prac. Med. Ensworth Med. Coll. 1913-14.—Attend. Surg. St. Joseph's, Ensworth and Noyes Hosps.; Pres. St. Joseph's Surg. Soc. and Surgeon, St. Joseph, Mo.

Prouty, Ira Humphrey—S. B. Dartmouth 1907; Interne, Thomas Wilson Sanitarium for Children (Summer, 1911). —Visit. Phys. Childn. Island San. Salem Harbor, Mass. and Physician, Marblehead, Mass.

Rosenfeld, Arthur Samuel—A. B. Leland Stanford, Jr. 1907; Interne, Mt. Sinai Hosp. N. Y. 1911-13.—Instr. in Med. U. of Ore. and Physician. 221 Vista Ave., Portland, Ore.; 1st Lieut. M. C. Base Hosp. No. 46.

Rucker, Augusta—A. B. Univ. of Texas 1896, and A. M. 1900; Med. Dept. Wisconsin, June-Oct. 1907, and May-Oct. 1908; Interne, Babies' Hosp. N. Y. 1911-12; House Phys. N. Y. Infirm. Women and Children 1912-13.—Exam. Phys. State Char. Aid Assn., Attend. Phys. Wash. Sq. House, Assoc. Attend. Ped. N. Y. Infirm. Women and Physician, Brooklyn, New York.

Rynd, Charles E.—S. B. Hamilton 1907; and M. S. 1910; Berlin, 1911-12; Interne, Kings Co. Hosp. Brooklyn, 1912-14.—Asst. Obstet. Kings Co. Hosp., and Physician, Brooklyn, N. Y.; 1st Lieut. M. C., Base Hosp. No. 37, A. E. F., France.

Sawyer, Dwight Milton—Ph. B. Wesleyan (Conn.) 1906; House Phys. Nursery and Child's Hosp. N. Y. 1911-12; N. Y. Lying-in Hosp. 1912-13; St. Vincent's Hosp. N. Y. 1913-14.—Asst. Phys. St. John's Riverside Hosp. Disp., Mbr. Yonkers Milk Com. and Physician, Yonkers, N. Y.

Seagrave, Mabel—A. B. Wellesley 1905; Interne, N. Y. Infirmary for Women and Children 1912-13.—Attend. Firland Sanatorium; Florence Crittenden Home, and Consult. Seattle Pulmon. Hosp. and Physician, Seattle, Wash.

Sexton, Walter Gresham—A. B. Wisconsin 1908, and Student of Med. 1907-08; R. H. O. 1911-12; Med. Supt. The Hebrew Hosp. 1912-14. — Surgeon, Marshfield Clinic, Wis.; 1st Lieut. M. C., Fort Oglethorpe, Ga.

Sieber, Paul Rothrock—A. B. Pennsylvania Coll. 1907; Interne, 1911-12, Res. Surg. St. Francis' Hosp. Pittsburgh 1912-15.—Instr. in Surg. U. of Pittsburgh and Surgeon, Pittsburgh.

Skilling, William Knepper—A. B. 1906. —Asst. Disp. Phys. and Physician, Baltimore.

Smith, Helen Willston — (Mrs. Sanger Brown), A. B. Bryn Mawr 1906; R. H. O. 1911. — Bloomingdale, White Plains, N. Y.

Snowden, Roy Ross—A. B. Washington and Jefferson 1907, and A. M. 1912; Res. Phys. City Hosp. Bayview, 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-14.—Instr. in Med. Univ. of Pittsburg, and Physician, Pittsburgh; 1st Lieut. M. C. Base Hosp. No. 27, A. E. F., France.

Spencer, Lewis Cass—S. B. Tulane 1907; Med. Student, Albert Ludwig Univ. Freiburg, 1908-09; Interne and Asst. Res. Surg. U. P. I. 1911-13; Asst. Surg. Hosp. Ruptured and Crippled, N. Y. 1913; Asst. Res. Surg. and Asst. in Orthopedics, Staff Surg. Amer. Red Cross, Pau, France; 1913-16.—Surgeon, 1100 N. Charles St., Baltimore; 1st Lieut. M. C., U. A. S., A. E. F., France.

Sponsler, Marshall Byron—A. B. Ursinus 1907; Res. Phys. St. Francis' Hosp. New York 1911-14.—Physician, 344 Willis Ave., New York.

Stevens, Alexander McCulley—A. B. St. John's 1907.—Dep. State Health Officer 10th San. Dist. and Physician, Salisbury.

Stewart, George Adolph—A. B. 1907; Res. Phys. and Surg. St. Agnes' Hosp. Balt. 1911-14.—Visit. Surg. and Surg. Chg. O. P. D. St. Agnes' Hosp.; Asst. Surg. O. P. D. J. H. H. and Anesthetist, Dental Dept. *ibid*, Major, M. C., U. S. A., Rockefeller Inst., N. Y.

Stillman, Edgar—A. B. Leland Stanford, Jr. 1907; Interne, Bellevue Hosp. New York, 1911-13.—Assoc. in Med. Rockefeller Inst. N. Y.; 1st Lieut. M. C.

Vail, Thornton Edwin — Ph. B. Yale 1907.—Asst. Res. Elmcroft Sanitarium, and Physician, Thompsonville, Conn.

Walker, Clifford Black—S. B. California 1906, and Med. Student, 1906-09; M. A. J. H. U. 1912; Asst. to Dr. Cushing, 1911-12; Senior Ophth. House Surg. Mass. Char. Eye and Ear Infirm. Boston 1913-14.—Assoc. in Surg. Peter Bent Brigham Hosp. and Asst. in Ophth. Harvard, Boston.

Weese, William Joshua—S. B. and A. B. Missouri 1905, and Med. Student, 1907-09; Res. Phys. Santo Tomas Hosp. Panama City, 1911-13.—Physician, Ontario, Ore.

Wiener, Isidore Kalisch—A. B. Princeton 1907; Interne, Blackwell's Island, New York, 1911-12; Vienna, 1913.—Asst. Ear, Nose and Throat, Mt. Sinai Hosp. Attend. Otol. N. Y. Univ. Clin. and Hosp.; Instr. in Otol. N. Y. Univ. and Physician, New York.

Wiese, Edwin Robert—A. B. Western Univ. of Penna. 1907; Student, Univ. of Berne, Switzerland, 1911-14.—Mbr. Staff Pa. State H. Disp. and Phyisician, Pittsburgh, Pa.

Winn, Claud May—S. B. Tulane 1906, and Student of Med. 1906-07.—Chief of Laboratories, Santo Tomas Hosp. Panama City.

Wolfsohn, Julian Mast—S. B. California 1905, and M. S. 1907; R. H. O. 1911-12.—Asst. Clin. Prof. Med. Stanford, Univ. Visit. Neurol. San Francisco Hosp. and Physician, San Francisco, Cal.; Capt. M. C., A. R. C. Hosp, No. 4, Liverpool, England.

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de Angulo, Jaime—B. ès Lett. Univ. of Paris, 1902; Cooper. Med. Coll. 1906-07; Eugenics Record Office, 1912-13.—Grad. Student, Stanford Univ. (*Degree granted January* 8, 1912.) Big Sur, Cal.

Cox, George Washington—S. B. Chicago 1907.—Interne, Hartford, Hosp. Hartford, Conn. (*Degree granted January* 8, 1912.)

McAliley, Robert George—S. B. Davidson 1904; Med. Student, Univ. of Md. 1907-08; Interne, R. I. Hosp. Providence. 191-14; House Officer, The Babies' Hosp. N. Y. 1914-15.—Vis. Phys. Atlanta Child's Home and Crip. Childn's Hosp. and Pediatrist, Atlanta, Ga. (*Degree granted January* 8, 1912.)

Morgan, Ernest Luther — S. B. Wake Forest 1907; Med. Student, *ibid.* 1905-07; Interne, Providence Hosp. Washington, D. C. (Jan.-Oct. '12); Asst. in Anat. Georgetown Med. Sch. and Physician, Washington, D. C. 1912-15.—Asst. Surg. Du Pont Hosp. Hopewell, Va. (*Degree granted January* 8, 1912.) (89)

Class Secretary—Arthur L. Bloomfield, Johns Hopkins Hospital.

1912

Andrews, Clarence Ladelle—S. B. Louisiana State 1908; Univ. of Strassburg, Germany, 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-13; Prof. Anat. Univ. of Mississippi, and Phys. Oxford, 1913-14.—Vis. Path. and Bact. Bamberger Seashore Home and to Jewish Seashore Home, and Physician, Atlantic City, N. J.

Bartlett, Edwin I.—A. B. Washington State 1908; Univ. of Strassburg, 1909; Int. and Res. Surg. St. Agnes' Hosp. 1912-16.—Instr. in Surg. and Pathol. Univ. of Cal. and Surgeon, 291 Geary St., San Francisco.

Beard, Joseph Howard—A. B. St. John's 1902, and A. M. 1912; Instr. Physiol. Univ. of Illinois, and Physician, Urbana, 1912-16.—Hlth. Officer, Univ. Ill., Urbana.

***Bigelow, Jane Elizabeth**—A. B. Butler 1907. (*Died, March* 11, 1913.)

Bowers, Charles Albert—S. B. West Virginia 1908.—Res. Surg. Lakeside Hosp. Cleveland.

Bridgman, Eveleth Wilson—A. B. 1908; Med. and Pathol. Interne, Ancon Hosp. C. Z. Summers of 1910 and 1911; R. H. O. 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-15.—Instr. and Asst. Res. in Chg. Heart Sta.; Capt. M. C., A. E. F., France.

Brown, Cyrus Cathey—A. B. Arkansas 1908; Anesthetist, St. Francis' Hosp. Pittsburgh, 1912-14.— Res. Gyne. Lakeside Hosp. Cleveland, O.; Asst. Surg. U. S. N. Res., Great Lakes, Ill.

Butsch, John Louis—S. B. Purdue 1906, and M. S. 1914; Assoc. Prof. Pharm. and Asst. in Surg. Univ. of Buffalo 1912-16, Clin. Asst. in Surg. and Med. Buffalo Gen'l Hosp. Buffalo, N. Y. 1913-16; Asst. Attend. Phys. Erie Co. Hosp. 1915-16.—Fellow in Surg. Mayo Found'n Rochester, Minn.

Cary, Raymond John—S. B. Iowa 1906; Chicago, Summer session, 1904 and 1905; Med. Student, Western Reserve,

1908-10; Res. Phys. St. Francis' Hosp. Pittsburgh, 1912-14; Res. Phys. Tuber. League Hosp. Pittsburgh 1914-15; Med. Dir. and Supt. Mt. View San., Lakeview, Wash., 1915-17.—Med. Dir. Arroyo San., Livermore, Cal.

Chaffee, Burns Stoddard—A. B. Leland Stanford Jr. 1908; Interne, St Agnes Hosp. 1912-13; Res. Surgeon U. P. Infirmary, 1913-1916. — Surg. Presby. Hosp. and Surg., 7012 Jenkins Arcade Bldg. Pittsburgh; Capt. M. C. Hosp. No. 8, France.

Chesney, Alan Mason—A. B. 1908; R. H. O. 1912-13; Asst. Res. Phys. and Asst. in Med. 1913-14; Asst. Res. Rockefeller Inst. N. Y. 1914-16.—Assoc. in Med. Wash'g. Univ. St. Louis; Capt. M. C., A. E. F., France.

Cohen, Jacob—A. B. 1908.—Interne, City Hospital, Bayview, 1912-14.—Asst. in Clin. Med. and Physician, Reisterstown.

Dabney, Marye Yeamans—Ph. B. Chicago 1908; Interne, R. I. Hosp. Providence, 1912-13; 1st Asst. Gynecol. Lakeside Hosp. Cleveland, 1913-14; Res. H. A. Kelly Hosp. 1914-15.—Assoc. Gyne. Hillman Hosp.; Act. Ed. *Sthn. Med. Jour.*; Surgeon, Empire Bldg., Birmingham, Ala.

Davis, Edwin Greene—A. M. Nebraska 1909, and Med. Student, 1908-10; Interne, Union Protestant Infirmary 1910-15; Asst. Res. and Res. Surg. Brady Clinic 1915-18.—1st Lieut. M. C. Base Hosp. No. 49, A. E. F., France.

***Dumm, William Milton**—S. B. Ohio Wesleyan 1908; R. H. O. 1912-13; Asst. Res. Gyne. 1914-15. (**Drowned, July* 12, 1915.)

Edgerton, Milton Thomas, Jr. — A. B. Georgia 1908; Interne, City Hosp. Bayview, 1912-13; Prof. Path. and Bact. U. of Miss. Oxford, 1913-14; Interne, Bellevue Hosp. 1914-15.—Health Officer, Pitt Co. Greenville, N. C. 1915-17; 1st Lieut. M. C. Base Hosp. No. 65.

Fisher, Roland Frederick—S. B. Wisconsin 1909, and Med. Student, 1907-09; Asst. Res. Surg. Washington Univ. Hosp. St. Louis, 1913-14; Asst. in Surg. Washington Univ. Med. Sch. St. Louis, 1914-15; Res. Surg. Barnard Skin and Cancer Hosp. St. Louis, 1915-16.—1st Lieut. M. O. R. C. U. S. Army.

Fleming, Mary Randolph—A. M. Randolph-Macon Woman's Coll. 1902; Interne, Hardman Sanatorium, Commerce, Ga. 1912-13; Pathol. Bismarck Hosp. N. D. 1913-14.—Phys. in Chg. Whipple Hosp. for Women, Tabriz, Persia.

Foote, Ovid Clemmons—A. B. Wake Forest 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-13.—P. A. Surg. U. S. Naval Hosp. Norfolk, Va.

Frantz, Winter Reginald—S. B. West Virginia 1908; House Gyne. Bellevue Hosp. N. Y. 1912-14; Asst. Res. Willard Parker Hosp. N. Y. 1914-15.—Physician, Cumberland, Md.; 1st Lieut. M. C. Base Hosp. No. 38, A. E. F., France.

Fricke, Willa May—(Mrs. Daniel Davis)—A. B. Barnard, 1906; 2½ years Med. Coll. and Hosp. for Women and Children, 1906-09; Externe in Obstet. 1912-13; Dispen. Obstet. Asst. Res. Obstetrician and Asst. in Obstetrics 1913-15.—Fellow in Bact. Mayo Clinic, Rochester, Minn.

Gammon, Julian Eugene—S. B. Florida 1908; Interne, St. Agnes' Hosp. (to December, 1912); Res. Phys. Lakeside Hosp. Cleveland, 1913-14.—Consult. Phys. Riverside and St. Luke's Hosp. and Physician, Jacksonville, Fla.

Gibbes, James Heyward—A. B. and S. B. South Carolina 1908; Asst. Res. Phys. 1912-13.—Physician, Columbia, S. C.; Cont. Surg., Camp Jackson, S. C.

Gills, William Lee — A. B. Randolph-Macon 1905; Interne, Hartford Hosp. Conn. 1912-14; Interne, Brklyn. Eye and Ear Hosp., Brklyn., N. Y., 1916-18.—Physician, Bedford, Va.

Glass, Frederick Akin — A. B. Central (Ky.) 1908. — Res. Gyne. Lakeside Hosp. Cleveland.

Goodpasture, Ernest William — A. B. Vanderbilt 1907; Rockefeller Fellow in Pathol. J. H. U. and Pathol. to U. P. I. 1913-14; Act. Res. Pathol. and Instr. in Pathol. 1914-15; Res. Path. Peter Bent Brigham Hosp. 1915-18.—Resch. Fellow in Path. Cancer Com. and Instr. Pathol. Harvard Med. Sch., Boston; Asst. Surg. U. S. N. R. F. Naval Hosp., Chelsea, Mass.

Hall, Roscoe Willis—Ph. B. Dickinson 1908; Interne, City Hosp. Bayview. 1912-13.—Res. and Asst. Disp. Psychiatrist and Asst. in Psychiatry; Capt. M. C., A. E. F,. France.

Holmes, James B.—A. B. and A. M. Virginia 1910, and Med. Student, 1908-09; Med. Student, Göttingen, Summer, 1911; Asst. Phys. Eudowood Sanatorium, 1912-13; Asst. Dispen. Phys. Asst. in Pediatrics 1913-16.—Pediatrist, The Severn, Baltimore.

Hurwitz, Samuel Haymann—A. B. Harvard, 1907, and A. M. 1908; Univ. of Strassburg, 1909; Special Student, Inst. Infect. Diseases, Berlin, Summer, 1911; R. H. O. 1912-13; House Officer, Peter Bent Brigham Hosp. Boston 1913-15; Instr. Resch. Med. Hooper Found'n Med. Resch. U. of Calif. San Francisco, 1915-17.—Asst. Clin. Prof. Med. and Dir. Clin. Lab. *ibid.*

Jeidell, Helmina—A. B. Barnard 1908; Special Student, Pasteur Inst. Paris, Summer, 1909; R. H. O. 1912-13;

Asst. Res. Obstetrician, Sept. 1 to Jan. 1, 1914; House Phys. L. D. S. Hosp. Salt Lake City, Utah 1914-16. —Interne, Babies' Hosp. N. Y.

Kocher, Rudolph Alfred—A. B. Leland Stanford, Jr. 1908; Student of Med. Leipzig, 1909-10; Vol. Asst. 2d Med. Clin. Univ. of Munich, 1912-13; Student in Chem. *ibid.* 1913.—Instr. Resch. Med., Hooper Foundn. Med. Resch. U. of Calif. San Francisco.

Loos, Henry Hoffman—A. B. 1908; Res. Surg. St. Agnes' Hosp. 1912-14.—Surg. Bay City Hosp. Tex. and Surgeon Palacios, Tex.

Lough, Walter Gay—S. B. West Virginia 1908; Interne and Res. Phys. N. Y. P. G. Hosp. 1913-16.—Chf. Clinic and Asst. Prof. Med. N. Y. Post-Grad. Hosp. and Med. Sch. and Physician, New York.

Lowsley, Oswald Swinney—A. B. Leland Stanford Jr. 1905; Res. Surg. Bellevue Hosp. N. Y. 1913-15.—Asst. Vis. Surg. Urol. Dept. Bellevue Hosp.; Dir. Brady Urol. Foundation, N. Y. Hosp.; Clin. Asst. Ruptd. and Crip. Hosp. New York; Capt. M. C.

McAllister, Harvey Ross—A. B. Penna. Coll. 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1912-15.—Asst. Surg. U. S. Naval Hosp. Guam.

McClure, William Bradbury—S. B. Penna. Coll. 1908; R. H. O. 1912-13; Res. Phys. Child'n Mem. Hosp. Fellow, Sprague Mem. Inst. and Asst. in Med. Rush Med. Coll. Chicago 1913-15; Instr. Ped. U. of Ia. Med. Sch. Iowa City, 1915-16.—Fellow, Sprague Mem. Inst. Jr. Attd. Ped., Evanston Hosp. and Physician, Evanston, Ill.

McCulloch, Hugh—A. B. Arkansas 1908; Res. Phys. Barnes Hosp. and Asst. in Med. Washington Univ. St. Louis 1913-15.—Instr. in Ped. Wash'g U. and Asst. Ped'n St. Louis Child'ns Hosp. St. Louis; Capt. M. C. Base Hosp. No. 21, France.

Millea, William Lawrence—A. B. Clark 1908; R. H. O. 1912-13; Res. Obstet. and Instr. in Obstetrics 1913-16; Med. Adviser Consol. Eas Elec. Lt. & Power Co. Balto. 1916-17.—1st Lieut. M. C., A. E. F., France.

Miller, Edgar Allen—S. B. Penna. Coll. 1908; Interne, St. Francis' Hosp. Pittsburgh 1912-13.—1st Lieut. M. C., U. S. Army, Washington, D. C.

Miller, Knox Emerson—A. B. William Jewell 1908.—Asst. Surg. U. S. P. H. S. Washington, D. C.

Mills, Nathaniel—A. B. Williams 1908; Interne, St. Francis' Hosp. New York, 1912-14; Interne, Foundling Hosp. N. Y. 1914-15.—Phys. Bd. Health, Mt. Vernon; Asst. Vis. Neurol. Kings Co. Hosp. Asst. Vis. Orth. Surg. N. Y. Orth. Hosp. and Disp. and Surg. Mt. Vernon and N. Y., N. Y.

Morriss, William Haviland—A. B. Haverford 1908; R. H. O. 1912-13; Res. Surg. Hosp. for Women of Maryland 1913-15; Amer. Red Cross, La Panne, Belgium 1915-17.—Instr. Obstet. and Gyne. Yale, New Haven; 1st Lieut. M. O. R. C. Base Hosp. No. 39, A. E. F., France.

Neill, William, Jr.—A. B. St. John's 1908 and Hon. A. B. Univ. of Md. 1908; Res. Phys. and Surg. Church Home and Infirmary, 1912-15.—Assoc. Kelly Sanitarium, Baltimore and Visit. Surg. Cambridge Mem. Hosp. Capt. M. C., A. E. F., France.

Nichols, Ralph Wilbur—Ph. B. Yale 1908; Interne, Boston Floating Hosp. Summer, 1912; after October 1st, Sr. Interne, New Haven Hosp. Conn. 1912-13.—Physician, Montowese, Conn.

Pearce, Louise—A. B. Leland Stanford, Jr. 1907; Boston Univ. Sch. of Med. 1907-09; R. H. O. 1912-13; House Phys. Phipps Psychiatric Clinic; Resch. Fellow and Asst. Pathol. Rockefeller Inst. for Med. Research, N. Y. 1913-16.—Assoc. *ibid.*

Pelton, Charles Hamlin—A. B. Trinity (Conn.) 1905; Int. Albany Hosp. 1912; Res. State Hosp. Scranton, Pa. 1913; Interne, Essex Co. Isolation Hosp. Belleville, N. J. 1913-14; Interne, Lucas Co. Hosp. Toledo, O. 1914.—Asst. to Supt. City and Co. Hosp. and Physician, St. Paul, Minn.; 1st Lieut. M. C., Camp Greenleaf, Georgia.

Pincoffs, Maurice Charles, Jr.—S. B. Chicago 1909; Rush Med. Coll. 1906-09; Grad. Sch. 1909-10; Interne, Presbyterian Hosp. Chicago, 1912-13; Res. City Hosp. Bayview, 1913-15.—Physician, Baltimore; 1st Lieut. M. C., A. E. F., France.

Post, Martin Hayward, Jr.—A. B. Amherst 1908; Interne, City Hosp. St. Louis, 1912-13.—Staff, St. Luke's Hosp. O. P. D. Barnes Hosp. and Ophth. Surg. Metropol. Bldg., St. Louis, Mo.; Capt. M. C. Base Hosp. No. 33, England.

Rand, Carl Wheeler—A. B. Williams 1908, and A. M. 1909; R. H. O. 1912-13; Asst. Surg. Peter Bent Brigham Hosp. Boston 1914-15; House Surg. Mercy Hosp. Chicago 1915-16.—Surg. Chld'n Hosp. and Physician, Los Angeles, Cal.

Reid, Charles Dwight, Jr.—A. B. Williams 1908; Interne in Surg. German Hosp. New York 1913-15.—Asst. Orth. Surg. Syracuse Hosp. for Wmn. and Childn. and St. Joseph's Hosp. and Syracuse Free Disp. Instr. in Orth. Surg. Syracuse Univ., Attd. Orth. Surg. Auburn City Hosp. and Surgeon, Syracuse.

Reid, Mont Rogers — A. B. Roanoke 1908; R. H. O. 1912-13; Asst. Res. Path. 1913-14.—Res. Surg. and Instr. in Surgery.

Reynolds, Harold Irwin—A. B. Georgia 1908; Interne, Woman's Hosp. of Maryland 1913-15. — Physician, Sthn. Mut. Bldg., Athens, Ga.

Rohde, Max Spencer — S. B. Chicago 1908; Interne, Kansas City Gen'l Hosp. Mo. 1912-13; House Surgeon, Bellevue Hosp. N. Y. 1914-16; Externe, Brady Institute, 1916-17.—Dep. Surg. G. U. O. P. D. N. Y. and Cornell Hosp., Asst. Surg. Actg. Chf. Clinic, G. U. O. P. D. Bellevue Hosp. and Urologist, N. Y.

Sarason, Peter Benjamin—A. B. Yale 1909, and Med. Student, 1907-09; R. H. O. 1912-13; Interne, Jewish Hosp. Brooklyn, N. Y. 1913; Res. Gyn. and Obstet. Greenpoint Hosp. Brooklyn, N. Y. 1915-16.—Physician, 865 Eastern Pkwy. Brooklyn, N. Y.

Schmeisser, Henry Christian — A. B. 1908; Fellow, Asst. and Instr. in Pathol. 1912-17, and Ph. D. 1914.—Assoc. in Pathol. Path. Base Hosp. No. 22, Albany, N. Y.; Capt. M. C., A. E. F., France.

Schulz, Raymond Louis—S. B. Wisconsin 1908, and Med. Student, 1908-10; Interne, Milwaukee Co. Hosp. Wis. 1912-13; Res. Phys. Lucas Co. Hosp. Toledo, O. 1913-14; House Surg. Roosevelt Hosp. N. Y. 1916.—Physician, 1427 Vliet St. Milwaukee.

Sears, Nathan P. — Ph. B. Syracuse 1908; Interne, Church Home and Infirm. Baltimore, 1912-13; Asst. Res. Gyne. Lakeside Hosp. Cleveland, 1913-14.—Asst. Surg. Hosp. Women and Childn. and Gynecol., Syracuse, N. Y.

Sellman, Reginald Oliver—A. B. 1908; Res. Phys. Biedler-Sellman Sanitarium, Baltimore, 1912-15; Asst. Disp. Physician, J. H. H.—Physician, 1823 Ruxton Ave. Baltimore.

Shale, Rolla J.—A. B. Oberlin 1908; Res. Phys. Wilkes-Barre Hosp. Pa. 1912-13; Res. Phys. Eddy Road Hosp. Cleveland, 1913-14; Res. Phys. St. Luke's Hosp. Cleveland 1914-15.—Physician, 13441 Euclid Ave., Cleveland, P. A. Surg. U. S. N. R. F., Grant Park Camp, Ill.

Simpson, Ellery DeWitt—A. B. Western Maryland 1908; Interne, St. Luke's Hosp. St. Paul, Minn. 1912-13.—Surgical Pathol. and Asst. Mayo Clinic, Rochester, Minn., 1913-16.—Surgeon, Watertown, S. D.

Sisson, Warren Richards—A. B. Colgate 1906; Student of Med. Univ. of München, Winter semester, 1910-11, and Univ. Heidelberg, Summer session, 1911; House Officer, Mass. Gen. Hosp. 1912-13; House Officer and Res. Path. Peter Bent Brigham Hosp.; Instr. in Pathol. Harvard Med. Sch. Boston, 1913-15; Instr. in Pediatrics, 1915-17.—Asst. in Ped. Harvard Med. Sch. and Visitg. Phys. Mass. Gen. Hosp., Boston.

Slack, Harry Richmond, Jr. — A. B. Georgia 1908.—Asst. Res. Surg. Asst. Dispen. Laryn. and Asst. in Laryn.; 1st Lieut. M. C. Base Hosp. No. 18, A. E. F., France.

Starr, Trammell—A. B. Emory 1908; Interne, City Hosp. Bayview, 1912-13; Res. Surg. Church Home and Infirmary, Baltimore, 1913-16.—Surg. Calhoun, Ga.

Stearns, Thornton—A. B. Davidson 1906; Surg. and Ortho. House Officer, Mass. Gen'l Hosp. Boston, 1912-14; Asst. Res. Pathol. and Asst. in Pathol 1914-15; Asst. in Surg. and Res. Surg. U. of Calif. Hosp. San Francisco 1915-16.—Surg. Shantung Christian Univ. Med. Sch. and Hosp. Tsinan-fu, China.

Stevenson, Holland Newton, 2nd—Ph. B. Yale 1908; Instr. in Pathol. 1912-15; Asst. and Assoc. Cancer Resch. Columbia Univ., New York, 1915-18.—Prof. Surg. Path. and Bact., John H. Creighton Univ. Med. Coll., Omaha, Neb.

Strauss, Abraham—A. B. Harvard 1909. House Surg. Mt. Siani Hosp. New York, 1912-14.—Surgeon, Osborn Bldg., Cleveland, O.; 1st Lieut. M. C., B. E. F., France.

Streett, David Corbin—A. B. 1908; Med. Int. Ancon Hosp. Panama 1910-11; R. H. O. 1912-13; Asst. Phys. in Chg. Disp. Lab. 1913-14; Asst. Res. Phys. and Asst. in Medicine 1914-16.—Physician, 712 Park Ave.; 1st Lieut. M. C. Base Hosp. No. 42.

Sundwall, John—S. B. Chicago 1903; Ph. D. 1906, and Med. Student, 1906-08; U. S. Public Health and Marine Hosp. Service, Washington, D. C. 1912.—Prof. Anat. Univ. of Kansas, Lawrence.

Wahl, Harry Roswell—A. B. Wisconsin 1908, and A. M. 1910, and Med. Student, 1908-10.—Asst. Visit. Pathol. Lakeside Hosp. and Assoc. in Pathol. West. Reserve Univ. Cleveland.

Walters, Arthur L.—S. B. Purdue 1904; Interne, City Hosp. Providence, R. I. (Summer, 1912); Interne, Harriet Lane Home, J. H. H. 1912-13.—Asst. Dir. Scientific Lab's, Eli Lilly & Co., Assoc. in Pharm. Ind. Univ., Indianapolis, Ind.

Watt, Charles Hansell—S. B. Davidson 1906; R. H. O. 1912-13; Asst. Res. Surg. 1913-15; Asst. and House Gynecol. Roosevelt Hosp. New York 1915-16; Res. Surg. Henry Ford Hosp. Detroit, 1916-17.—Surg. Dir. Union Hosp. Fall River, Mass.; Capt. M. C., A. E. F., France.

Weakley, Adriel Clark—A. B. Georgetown (Ky.) 1908; Interne, Brooklyn Hosp. N. Y. 1912-14. — Physician, Shelbyville, Ky.; 1st Lieut. M. C., Camp Shelby, Miss.

Weed, Lewis Hill—A. B. Yale 1908, and A. M. 1909; Arthur Tracy Cabot Fellow in Chg. Lab. Surg. Research, Harvard, 1912-14; Instr. and Assoc. in Anat. 1914-17.—Assoc. Prof. of Anat.; Capt. M. C., Army Neuro-Surg. Lab. J. H. M. S.

Wegeforth, Paul—A. B. 1908; Student of Medicine, Strassburg and Berlin, 1909-11; Interne Brigham Hosp. Boston, 1913-14.—Physician, 322 Granger Bldg., San Diego, Cal.; Capt. M. C., Army Neuro-Surg. Lab. J. H. M. S.

Wells, Donald Breckenridge—A. B. Yale 1907; City Hosp. Providence, R. I. (Summer of 1912); Interne, St. Luke's Hospital, N. Y. 1912-15.—Asst. Attend. Surg. Hartford Hosp. and Surgeon, Hartford, Conn.; 1st Lieut. M. C., A. E. F., France.

Williams, Alexander Watson—A. B. Harvard 1908; Interne, Union Protestant Infirmary, 1912-13.—Lieut.-Col. Med. Corps, N. A., Camp Lee, Va.

Williams, Frank Thomas—A. B. 1908; House Officer, St. Agnes Hosp, Balt. 1912-13; Asst. Genito-Urin. Clinic, J. H. H. 1913-14; Special Worker, Hygiene Lab. U. S. P. H. S. Wash., D. C., 1914; Asst. Res. Surg. Brady Urolog. Inst. of J. H. H. 1914-15.—Instr. Surg. Stanford, San Francisco, Cal.; 1st Lieut. M. C. Amer. Red Cross Hosp. No. 22, London.

Wolf, Eleanor Bittinger—A. B. Goucher 1908; R. H. O. 1912-13; House Phys. N. Y. Infirm. for Women and Children, N. Y. 1913-14.—Jr. Phys. Chg. A. E. L. M. Hosp. Guntur, Madras Pres. India.

Wolff, George Baney — A. B. Ursinus 1908; Disp. Staff, Mercy Hosp.; Asst. Phys. Sheppard and Enoch Pratt Hosp. Towson and Asst. Disp. Psychiatrist; Mbr. Med. Ad. Bd. No. 2.

Wood, James Augustus—A. B. Southern 1907; Univ. of Ala. Summer, 1906; Interne, City Hosp. Providence, R. I. Summer, 1912; Res. Phys. N. Y. Foundling Hosp. 1912-13; Res. Phys. Seaside Hosp. St. John's Guild, New Dorp, S. I. N. Y. 1914; Chldn. Med. Officer, Mass. Gen'l Hosp. Boston, 1915.—Physician, Yankton, S. D.; Capt. M. C., U. S. Army, Fort Des Moines, Iowa.

Woodward, Harold Burton—S. B. Wesleyan (Conn.) 1908; Interne, City Hosp. Waterbury, Conn. 1912-13.—Con. Phys. Waterbury Hosp. and Physician, Terryville, Conn.; 1st Lieut. M. C., Delhi Brks., Tidworthy, Eng. (81)

Class Secretary—Alan M. Chesney, Rockefeller Inst. for Med. Resch. New York.

1913

Allen, Arthur Wilburn—A. B. George town (Ky.) 1909; Surg. House Officer and Res. Surg. Mass. Gen'l Hosp. 1913-15; Asst. Surg. Mass. Gen'l O. P. D. 1915-17.—1st Lieut. M. O. R. C. and Surgeon, 52 Herefore St.. Boston; Capt. M. C., A. E. F., France.

***Anderson, David Ballantyne**—S. B. Chicago 1910; Med. Student, Rush, 1908-10; Res. Phys. Garrett Hosp. for Children, Summer, 1913.—Interne, Mt. Siani Hosp. N. Y. (**Died, May* 28, 1915.)

Bornscheuer, Albert Adam—S. B. Washington and Jefferson 1909; Asst. in Surg. Allegheny Gen'l Hosp. Pittsburgh, 1913-17.—Surg. Jenkins Ave. Bldg., Pittsburgh, Pa.

Bronson, Edith—A. B. Syracuse Univ. 1909, and Med. Dept. 1909-10; House Phys. Children's Hosp. San Francisco, 1913-14; House Phys. N. Y. City Hosp. Randall's Is. 1914-15; Res. Phys. Royal Hosp. Sick Chldn. Edinburgh, Scotland, 1915-16; Res. Phys, Childn. Hosp. Paddington Green, London, W. 1916-17.—Sr. Res. Pendlebury Chldns. Hosp. Manchester, Eng.

Cameron, Don Franklin—A. B. Indiana 1907; A. M. Chicago 1909, and Med. Dept. 1909-11; Interne, St. Luke's Hosp. Chicago 1913-14; Asst. Res. Urol. Brady Institute 1914-15; Fel. in Surg. U. of Minn. Minneapolis 1915-17.—P. A. Surg. U. S. N. R. F., U. S. N. Recruiting Station, Kansas City, Mo.

Canter, Noland Mackenzie—A. B. Randolph-Macon 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1913-14; Res. Phys. Children's Hosp. Sch. Baltimore 1914-15. — Med. Inspect. Schools and Phys. and Surg. City Hosp. Martinsburg, W. Va.; 1st Lieut. M. C., U. S. Army.

Carlisle, Wilbur Glenn—A. B. Ohio Wesleyan 1909; Summer Qr. Chicago, 1909; R. H. O. 1913-14.—Physician, Bucyrus, O.

Cave, Henry Wisdom — A. B. Central (Ky.) 1909; R. H. O. 1913-14; Asst. in Surg. Asst. Res. Surg. 1914-15.—Res. Roosevelt Hosp. N. Y.; 1st Lieut. M. C. Base Hosp. No. 15, A. E. F., France.

Cecil, Howard Lee — A. B. St. John's (Annapolis) 1908; R. H. O. 1913-14.—Asst. Disp. Urol. Brady Institute. Capt. M. C., France.

Chunn, George Davies—S. B. Arkansas 1908; Interne, Jefferson Surg. Hosp. Roanoke, Va.—1st Lieut. Med. Corps, Columbus, Bks. O.

Clarke, Helen Dorothy (Mrs. E. J. Kempf); A. B. Vassar 1909; R. H. O. 1913-14.—Jr. Asst. Phys. St. Elizabeth's Hosp. Washington, D. C.

Cook, Robert Jay—A. B. Iowa State 1909; Interne, German Hosp. N. Y. 1913-14.—

Corner, George Washington—A. B. 1909; Asst. in Anat. 1913-14; R. H. O. 1914-15.—Asst. Prof. Anat. U. of Calif. Berkeley.

Darrow, Kent Edward—S. B. N. Dak. Agricul. 1909; Interne, City Hosp. Seattle, Wash. 1913-14; Surg. S. S. "Minnesota" 1914-15.—Phys. and Surg. Fargo, N. D.

Davis, Daniel—A. B. Harvard 1909.—Interne, Ancon Hosp. Panama, Summer, 1913; Asst. in Physiol. 1913-14; Asst. Res. and Asst. in Obstet. 1914-17.—1st Lieut. M. C. on Foreign service.

Davis, Thomas Kirby—A. B. Wabash 1909; Med. Student, Cornell, 1909-10; Med. Interne, N. Y. Hosp. 1914-15.—House Phys. Neurol. Inst. N. Y. 1915-16.—1st Lieut. M. C., A. E. F., France.

Dignan, Howard Henry—S. B. California 1910, and Med. Student, 1909-10; House Phys. German Hosp. Phila. 1913-15.—Physician, 275 Post St., San Francisco, Cal.; Capt. M. C., A. E. F., France.

Dwyer, William—S. B. Trinity (Conn.) 1909; Interne, Hartford Hosp. Conn. 1913-14.—Asst. Laryn. Hartford Hosp. and Physician, Hartford, Conn.; 1st Lt. M. C.

Elkin, Cortlandt Whitehead Wilson—A. B. Allegheny 1909.—Asst. in Med. Allegheny Gen'l Hosp. and Physician Pittsburgh; Capt. M. C. Hop. Unit L, Camp Hosp. No. 21, A. E. F., France.

Fishbaugh, Ernest Clyde—A. B. Indiana 1910, Fellow, 1910-11, and A. M. 1911; Med. Student, 1909-11; R. H. O. 1913-14.—Physician, 412 W. 6th St., Los Angeles, Cal.

Flack, Roswell Elmore — A. B. Wake Forest 1901; Deputy Co. Health Officer, Spray, N. C. 1913-15: Prof. Path. and Bact. Wake Forest Coll. N. C. 1915-16.—Phys. Winyah San. Asheville, N. C.

Gates, Frederick Lamont—A. B. Yale 1909.—Assoc. Rockefeller Institute for Med. Resch. N. Y.; 1st Lieut. M. C., U. S. Army Aux. Lab. No. 1, Rockefeller Inst.

Gerdine, Linton—S. B. Georgia 1909; Interne, City Hosp. Bayview, 1913-14; Interne, Children's Mem. Hosp. Chicago, 1914-15; Res. Pediat. U. of Calif. Hosp. San Francisco, 1915-17.—Asst. Surg. U. S. Navy; U. S. S. Marblehead.

Graham, Clarence Flack—A. B. Yale 1909; House Officer, R. I. Hosp. Providence 1913-15. — Physician, Albany, N. Y.; Capt. M. C. Base Hosp. No. 33, A. E. F., France.

Hagan, Herbert Hart—A. B. Georgetown (Ky.) 1908.—H. O. Washington Univ. Hosp. and Barnes Hosp. St. Louis, 1913-14; Asst. Res. Surg. Barnes and St. Louis Children's Hosps. St. Louis 1914-16.—Surg. Wiesinger-Gaulbert Bldg., Louisville, Ky.

Heymann, Isaac Picard—S. B. Louisiana State 1909; Ship Surg. Leyland Line, New Orleans and London, Summer 1913; Interne, Brooklyn Hosp. 1913-15.—Asst. G.-U. Surg. Cornell Clin. N. Y., Asst. Surg. Brooklyn Hosp. Disp. Roentg. Long Isl. Coll. and St. Peter's Hosp. and Physician, Brooklyn, New York.

Hinton, Charles Crawford—Ph. B. Emory 1909; Interne, City Hosp. Bayview, 1913-14; Res. Phys. Telfair Hosp. for Women, Savannah, Ga. 1914-15.—Chf. O. F. D. Clin. Assoc. in Med. Emory Univ. and Physician, Atlanta.

Holmes, Walter Richard, Jr.—A. B. Georgia 1909; R. H. O. 1913-14; Res. and Dispen. Gynecol. 1914-17.—Physician, Macon, Ga.; 1st Lieut. M. C., A. E. F., France.

Horrax, Gilbert—A. B. Williams 1909; Resch. Lab. Harvard 1914-15; Asst. Res. Surg. Peter Bent Brigham Hosp. Boston, 1915-16.—Res. Surg. Mass. Gen. Hosp. 1916-17; Capt. M. C., A. E. F., France.

Howard, Lee —A. B. Mercer 1909; Res. Phys. Telfair Hosp. for Women and Childn. Savannah, 1916-17.—Physician, 19 Jones St., E. Savannah, Ga.

Huddleson, James Howard, Jr.—A. B. Princeton 1909; Interne, Manhattan State Hosp. 1913-14; Interne, N. Y. Hosp. 1914-16; Interne, Neur. Inst. N. Y. 1916-17.—1st Lieut. M. O. R. C. U. S. Army, France.

Hume, Edgar Erskine—A. B. Central (Ky.) 1908, Fellow, 1908-09, and A. M. 1909. Vol. Asst. in Neurol. 1913-14; Summer Semester, Munich, 1914; Asst. Clin. Nerv. Diseases, U. of Rome 1914-16.—1st Lt. Med. Corps, U. S. A., Ft. Leavenworth, Kans.

Hutchins, Amos Francis — A. B. St. John's (Annapolis) 1908 and A. M. 1916; Interne, U. P. I. 1913-14; Res. Gyne. Lakeside Hosp. and Instr. in Gyn. West. Res. Univ. Cleveland 1914-16.—Visit. Phys. Barstow Genl. Hosp.; Asst. Surg. W. M. R. R. and Physician, Baltimore.

Jelks, Edward — A. B. Mercer, 1909; R. H. O. 1913-14; Asst. in Pathol.

1914-15.—Surgeon, Jacksonville, Fla.; 1st Lieut. M. R. C., A. E. F., France.

Kieffer, Richard Fulton—A. B. Franklin and Marshall 1907.—Res. Phys. Union Protestant Infirm.; Capt. M. C., A. E. F., France.

Kolmer, George August Leonard—A. B. Roanoke 1907, and A. M. 1909; Dist. Inspector, Va. State Board of Health, Richmond 1913-15. — Physician and Health Officer, Salem, Va.

Kraus, Walter Max — A. B. Harvard 1910; A. M. Columbia 1914; Interne, Bellevue Hosp. N. Y. 1913-15; Instr. Biol. Chem. Columbia, N. Y. 1915-16.—Adj. Asst. Neurol. Bellevue, Asst. Phys. Neur. Disp. Cornell, and Physician, N. Y.; 1st Lieut. M. C. U. S. Base Hosp. No. 1, A. E. F., France.

Laubach, Charles Adam—S. B. Muhlenberg 1909; Instr. in Hygiene, 1913-17.—Dept. of Health, Balto.

Levy, Robert Louis—A. B. Yale 1909; R. H. O. 1913-14; Asst. Res. Phys. and Asst. in Medicine 1914-16; Asst. in Physiol. Harvard 1915-16.—Asst. Res. Phys.; Capt. M. C., Camp Merritt, N. J.

Lyman, John Cushman—S. B. Whitman 1909; Interne, Union Protestant Infirm. Baltimore, 1913-14; Res. Physician, Hebrew Hosp. 1915-16.; Asst. in Path. J. H. H. 1916-17.—1st Lieut. M. C., France.

McKee, William Clifford—S. B. Pomona 1908; House Officer, Calif. Hosp. Los Angeles, 1913-14. — Physician, Los Angeles, 1913-14; House Officer, J. H. H. 1916-17; Asst. Obstn. New Haven Hosp. 1918-19.—Res. Obstn. J. H. H.

Michael, William Howard—A. B. 1909; Phys. Santo Tomas Hosp. Panama, R. de P. 1913-14; Asst. Surg. U. S. N. care Navy Dept. Wash. D. C., 1915-16; 1st Brigade, U. S. Marines, Haiti, 1916-17; Lieut. Med. Corps, U. S. Navy, 6th Marines, A. E. F., France.

Minsk, Louis D.—A. B. Yale 1910, and Med. Dept. 1909-10; R. H. O. 1913-14; Res. Childn. Mem. Hosp.; Fel. Pediatrics Sprague Mem. Inst. Chicago, 1915-16.—Asst. Res. Phys. Willard Parker Hosp. and Clin. Asst. Pediatrics, P. & S. N. Y.; 1st Lieut. M. C., Camp Crane, Pa.

Moore, Chalmers Hale—A. B. Washington and Lee 1909.—Gyne. Hillman and Univ. Hosps. Surg. St. Vincent's Hosp. and Physician, Birmingham, Ala.

Morton, John Jamieson, Jr.—A. B. Amherst 1907; House Officer Peter Bent Brigham Hosp. Boston, 1913-14; Fellow, Pathol. Rockefeller Inst. N. Y. 1914-15; Res. Surg. Mass. Gen. Hosp. Boston 1915-16.—Asst. Res. Phys. Rockefeller Hosp., N. Y., 1916-17; Capt. M. C., U. S. Army Base Hosp. No. 5, A. E. F., France.

Munn, Aristine Pixley (Mrs. Chas. Recht) —A. B. Bryn Mawr 1909.—Asst. Attend. Phys. N. Y. Univ. and Bellevue Med. Coll. N. Y.

Nesbit, William Edward—A. B. Arkansan 1909; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1913-14; Interne, City Hosp. Bayview 1914-16.—Physician, San Antonio, Tex.; 1st Lieut. M. C., A. E. F., France.

***Newkirk, Merle Cornelius**—Ph. B. Syracuse 1909; Interne, Hosp. for Women and Children, Syracuse, N. Y. 1913-14. (**Died*, 1915.)

Newman, Harold Hastings—A. B. Randolph-Macon 1909; Interne, Garfield Mem. Hosp. Washington, D. C. 1913-14.—Asst. Whitehead-Stokes Sanatorium, and Physician, Salisbury, N. C.

Ogburn, Herbert Hammond—S. B. West Lafayette 1908; Med. Student, N. C. 1908-09.—Surgeon, Greensboro, N. C.; Capt. M. C. Base Hosp. No. 65.

Olmsted, William Harwood—S. B. Coe 1909.—Asst. in Med. Wash. Univ.; Asst. Res. Barnes Hosp. St. Louis, Mo.; 1st Lieut. M. C., B. E. F., France.

Paschal, Frank Lafayette—A. B. Texas 1909; Summer Qr. Chicago 1908; Interne and Asst. in Ortho. Post-Graduate Hosp. N. Y. 1913-16.—Mbr. Amer. Phys. Relf. Exp. to Germany 1916.—Chf. Orth. Staff. Green Mem. Hosp. and Surgeon, San Antonio, Tex.

Post, Lawrence Tyler—A. B. Yale 1909; R. H. O. 1913-14; Asst. Surg. So. Balt. Eye, Ear and Throat Hosp. and Surgeon, Baltimore 1915-16. — Ophthal. Surg., 520 Metropol. Bldg., St. Louis, Mo.; Capt. M. C., B. E. F., France.

Powers, Grover Francis—S. B. Purdue 1908; R. H. O. 1913-14; Asst. Res. Pediatrician and Asst. Disp. Physician 1914-16.—Instr. in Ped. and Phys. in chg. Ped. Disp.

Reddish, William Dandridge—A. B. Ky. State 1909; Interne, R. I. Hosp. Providence 1913-15.—Physician, Lexington, Ky.

Richardson, Maurice Leonard—S. B. Wisconsin 1910, and M. S. 1911; Med. Student, 1909-11. Interne, City Hosp. Bayview 1913-14.—Res. Path. Lakeside Hosp. and Instr. in Path. West. Reserve Univ. Cleveland.

Scott, Augusta—Ph. B. Chicago 1905; Univs. of Zürich and Freiburg 1907-10; Interne, Infirmary for Women and Children, New York, 1913-14; Interne and Asst. Res. Phipps Psychia. Clinic, 1914-17.—Res. Psychriatrist, *ibid.* and Instr.

Shaw, Austin—S. B. Colby 1909—House Officer, City Hosp. Seattle, Wash. 1913-14.—Physician, Anacortes, Wash. 1st Lieut. M. C.

Shaw, Henry Newton—A. B. Princeton 1907; R. H. O. 1913-14; Interne, U. P. I. 1914-15; Asst. Res. Gynecol. 1915-17.—Asst. Surg. U. S. Army Base Hosp. No. 18, A. E. F., France.

Smith, Frederick Janney—A. B. 1909; R. H. O. 1913-14; Asst. Res. Physician and Asst. in Medicine 1914-15.—Asst. Chf. Phys. Henry Ford Hosp. Detroit; Capt. M. C., Camp Lee, Va.

Spencer, Roscoe Roy—A. B. Richmond 1909; Interne, City Hosp. Bayview, 1913-14.—Asst. Surg. U. S. P. H. Service, Marine Hosp., Great Lakes, Ill.

Stetler, Pearlie Mae—A. B. Wisconsin 1911, and Med. Student, 1909-11.—Asst. in Obstet. and Gyne. U. of Chgo.; Disp. Staff, Mary Thompson Hosp. and Physician, Chicago.

Stowers, James Evans—A. B. Missouri 1910, and A. M. 1911; Med. Student, 1909-11; Interne, St. Agnes' Hosp. Baltimore, 1913-14; House Phys. Royal Victoria Hosp. Montreal, Can. 1914-15.—Amer. Red Cross, France.

Thompson, Charles Baker—A. B. Haverford 1909; House Officer, Peter Bent Brigham Hosp. Boston, 1913-14; Asst. Res. and Disp. Psychiatrist 1914-16.—Asst. Disp. Psych. and Executive Sec. Ment. Hygiene Soc. Md., Psychiatrist, Hebrew Hosp., 605 N. Charles St.

Todd, Martillus Hollis — A. B. 1909; R. H. O. 1913-14; Amer. Red. Cross, Pau, France, 1914-15.—Physician, 1235 N. Caroline St.; 1st Lieut. M. C.

Trask, Leo Stewart—S. B. Colby 1909; House Officer, City Hosp. Seattle, Wash. 1913-14.—Physician, Burlington, Wash.

Trudeau, Francis Berger — A. B. Yale 1909; Interne, Bellevue Hosp. N. Y. 1913-14. — Physician, Saranac Lake, N. Y.; Capt. M. C., Fort Slocum, New York.

Turner, Joseph Richard, Jr.—S. B. Whitworth 1909; R. H. O. 1913-14; Fellow, Path. Rockefeller Inst. N. Y. 1914-16.—697 S. 17th St., Tacoma, Wash.; 1st Lieut. M. C.

Wagenhals, Franklin Clark—A. B. Ohio State 1907, and Grad. Student 1907-08; Interne, Bellevue Hosp. N. Y. 1914-16; Int. Manhattan State Hosp. Wds. Is. 1916-17.—Asst. in Neurol. O. State Univ. and Physician, Columbus.

Watson, Ernest Milton—Ph. B. Brown 1907, and A. M. 1909; Interne, Ancon Hosp. Panama 1913-14; House Officer, Mass. Gen'l Hosp. Boston 1914-15; Asst. Res. Urol. J. H. H. 1915-17.—Asst. Visit. Urol. Municipal Hosp. and Surgeon, Buffalo.

Watters, Ethel Madelaine—A. B. Stanford 1909, and Med. Dept. 1908-10; House Phys. Children's Hosp. San Francisco 1913-15.—Res. Ped. U. of Cal. Hosp. and Asst. in Pediatrics U. of Cal. San Francisco.

Weems, Benjamin Francis, Jr.—A. B. 1909; Med. Student Univs. of Berlin and Freiburg 1910-11; House Officer, Bellevue Hosp. N. Y. 1913-15.—Vol. Asst. Clin. Path. and Med. Disp. Cornell, and Physician, N. Y.; Capt. M. C. Overseas Lab. Unit, France.

Williams, Norman Harris—Ph. B. Brown 1909; Interne, Bellevue Hosp. N. Y. 1913-15; Interne, Gen. Mem. Hosp. N. Y. 1915-16; Res. Obstet. Manhattan Maternity Hosp. N. Y. 1916-18.—Physician, 1501 S. Figueroa St., Los Angeles.

Wittich, Frederick William—A. B. Pa. Coll. 1908, and A. M. 1911.—Asst. Phys. Minnewaska San. Gravenhurst, Ont. 1913; In Chg. Lab. North Chicago Hosp. 1913; Asst. Phys. King Edward San. Kamloops, B. C. 1914; Asst. Phys. and Bacteriol. Public Hosp. for Insane, New Westminster, B. C. 1914; Supt. Pokegama San. Pokegama, Minn. 1915-16.—Instr. Med. and Phys.-in-chg. Tub. Disp. U. of Minn. and Visitg. Phys. Univ. Hosp., Minneapolis.

Young, William Walter — A. B. Randolph-Macon 1909; House Officer, Peter Bent Brigham Hosp. Boston, 1913-14; R. H. O. 1914-15.—Instr. Clin. Med. Emory Univ. and Physician, Atlanta, Ga.; Capt. U. S. R. Med. Div.

Zimmerman, Jacob Landis—A. B. Franklin and Marshall 1909; Interne, St. Vincent's Hosp. N. Y. 1913-15.—Chf. Surg. Hershey Choc. Co. Pa.

Watkins, Samuel Shelton—A. B. Central (Ky.) 1908, and A. M. 1909; Interne, Church Home and Infirm. Jan.-Apr. 1914; Asst. Supt. Peter Bent Brigham Hosp. Boston, May '14-Jan. '15.—Asst. in Laryngol. and Asst. Res. Surg. (*Degree granted February* 22, 1914.) Asst. Surg. U. S. N. Med. Sch., Washington, D. C.

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Class Secretary—Lawrence T. Post, 520 Metropolitan Bldg., St. Louis, Mo.

1914

Batten, Grover A.—A. B. Washington and Lee 1908; R. H. O. 1914-15.—Physician, Honolulu, T. H.

Bayne-Jones, Stanhope — A. B. Yale 1910; A. M., J. H. U., 1917; Med. Student, Tulane 1910-11; Summer Qr. Chicago 1911; R. H. O. 1914-15; Rockefeller Fellow in Path. and Asst.

Res. Path. 1915-16.—Instr. in Pathol.; Capt. U. S. Army Med. Relf. Corps.

Belt, Mabel — A. B. Goucher 1910; Interne, Hosp. Women of Maryland 1914-15; House Phys. N. Y. Infirm. for Women and Children 1915-16.—Physician, 1320 N. Charles St., Baltimore.

Bettman, Ralph Boerne — A. B. Williams 1910; Interne, Michael Reese Hosp. Chicago 1914-16; Red Cross Surg. Austria 1916-17.—Fel. Mayo Clinic, Rochester, Minn.; 1st Lieut. M. C., A. E. F., France.

Boehm, Julius Benjamin — S. B. St. Louis 1910; Interne, Peter Bent Brigham Hosp. Boston 1914-15.—Res. Surg. Greenpoint Hosp. Brklyn. N. Y.

Bogle, Kate Breckenridge (Mrs. S. R. Karpeles; A. B. Goucher 1909; Interne, Garfield Mem. Hosp. Washington, D. C. 1914-15; Interne, Gov. Hosp. Insane, Washington, D. C. 1915-16.—Physician, 1207 Columbia Rd. Wash. D. C.; Cont. Surg. U. S. A., S.-G. O., Washington, D. C.

duBray, Ernest Speers—A. B. Cincinnati 1910; Interne, City Hosp. Boston, 1914-15; Asst. Res. Phys. 1915-16; Res. Phys. Bay View 1916-17.—Capt. M. C., A. E. F., France.

Brush, Nathaniel Hawley—A. B. 1909; Interne, Phipps Psychiatric Clinic 1914-15; Asst. Res. Private Wards 1915-16. — Asst. Res. Psychiatrist; Capt. M. C., Fort Oglethorpe, Ga.

Carroll, Francis Patrick — S. B. Trinity (Ct.) 1911; Interne, St. Agnes' Hosp. 1914-15; Res. Surg. Bridgeport City Hosp. Conn. 1915-16.—City Physician and Phys.-Surg., Bridgeport, Conn.

Carter, David Wendel, Jr.—A. B. Southwestern 1909, and A. M. 1910; Interne, Clifton Springs Sanitarium, N. Y. (Summer, 1914); Interne, Peter Bent Brigham Hospital, Boston 1914-16; Asst. Res. and Res. Phys. Private Wards 1916-18; 1st Lieut. M. C., Camp Travis, Tex.

Child, Dorothy—A. B. Bryn Mawr 1910. Dr. P. H. Penna. 1916—Interne, Babies' Hosp. Oceanic, N. J. Summer, 1914; Interne, Woman's Hosp. Philadelphia 1914-15; Asst. Sec. Penna. Soc. Preven. Tuberculosis, Phila. 1916.—Lect. Hygiene and Phys. Women Students, U. of Kans. 1916-17.—Amer. Red Cross, Evian, France.

Clark, Mildred—(Mrs. P. W. Clough) A. B. Wellesley 1910; R. H. O. 1914-15; Asst. Res. Phys. and Asst. in Med. 1915-17.—Holder of Jacobi Fellowship and Instr. in Med.

Colwell, Howard Spencer—S. B. Colgate 1910; House Officer, Mass. Gen'l Hospital, Boston 1914-15; Phys. in Chg. 1916-17.—Capt. M. C., Camp Bowie, Texas.

Connor, Charles Edward — A. B. and A. M. Indiana 1910 and 1912, and Med. Dept. 1908-10; Interne, R. I. Hosp. Providence 1914-16.—Physician, 506 Donaldson Bldg. Minneapolis.

Crawford, Robert Hope—S. B. Davidson 1910; Interne, Union Protestant Infirmary 1914-15; Amer. Red Cross, European Relf. Detach. Gleiwitz, Ger. 1915-16.—Physician, Rock Hill, S. C.

Davis, Isaac—A. B. Harvard 1910; Interne, St. Francis' Hosp. Pittsburgh 1914-15.—Phys. Jewish Home for Aged and Physician, 2031 Centre Ave., Pittsburgh, Pa.

Dodson, Ralph Moore — A. B. Oregon 1910; House Surg. Bellevue Hosp.N.Y. Capt. M. C. B. E. F., France.

Donaldson, John Calvert—Ph. B. Yale 1910; Interne, Phipps Psychiatric Clinic 1914-15.—Instr. in Anat. Univ Cincinnati, O.

Dornblaser, Harry Bright—A. B. Wittenberg 1907, and A. M. 1910; Interne, Hosp. Women of Maryland 1914-15; Res. E. Steele Magee Hosp. Pittsburgh 1915-16; Asst. Res. Hebrew Hosp., Balto. 1916-17; Res. Hosp. for Women of Md. 1917-18.—Capt. M. C., Camp Greenleaf, Ga.

Downs, Chester Arthur—A. B. Oregon 1910; Med. Student Harvard 1910-11; Interne, Hartford Hosp. Conn. 1914-16; Asst. Surg. Yale-in-China Hosp. Changsha, China, 1916-17.—Physician, 297 Fargo St., Portland, Ore.; 1st Lieut. M. C., Camp Lewis, Wash.

Ducasse, Edmond Frederic—A. B. Washington 1910.—"Medecin Aide Maj. de Francies dane," French Army.

Duffy, William Core—A. B. Wake Forest 1910; Interne, City Hosp. Bayview 1914-15; Vol. Asst. Surg. Path. Mayo Clinic, Rochester, Minn. July to Sept. 1915; Asst. in Pathol. 1915-16; Asst. Res. Surg. 1916-18.—1st Lieut. M. C., A. E. F., France.

Duncan, John Baxter — A. B. Mercer 1910; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1914-15; Interne, M. E. Hosp. Brooklyn, N. Y. 1915-17; Res. Gyne. Lakeside Hosp. 1917-18.—1st Lieut. U. S. P. H. S., Nitro, W. Va.

Dunn, George R.—Ph. B. Hamline 1910. R. H. O. 1914-15.—Asst. Res. Surg.

Eaton, Avis Chippewa—A. B. Wellesley 1909; Interne, Hosp. for Children and Tr. Sch. for Nurses and Alex. Maternity Cottage, San Francisco 1914-16; Phys. Mendocino Hosp. Talmage, Cal. 1916-17; Phys. Hosp. for Chldn. & Ar. Sch. for Nurses, San Francisco, 1917-18.—Res. Surg. Royal Hosp. for Chldn, Edinburgh, Scotland.

Emrick, Marion W.—Ph. B. Franklin and Marshall 1910; Res. Phys. Lancaster Gen'l Hosp. Lancaster, Pa. 1914-15.—Asst. Roent. Harrisburg Hosp. and Physician, Harrisburg, Pa.

Englar, Thomas Shepherd—A. B. Western Maryland 1910; Med. Student Wisconsin 1910-11; Res. Phys. Kansas City Gen'l Hosp. Kansas City, Mo. 1914-15.—Medford, Md.

Evans, Frank Alexander—A. B. Washington and Jefferson 1910, and A. M. 1914; R. H. O. 1914-15; Asst. Res. Path. Presby. Hosp. and Instr. in Path. Coll. P. and S. N. Y. 1915-16.—Asst. Res. Phys. and Asst. in Med.; Capt. M. C., A. E. F., France.

Fansler, Walter A.—A. B. and A. M. Missouri 1911 and 1912, and Med. Dept. 1909-10 and 1911 and 1912; Instr. Path. and Bact. Marquette Univ. Milwaukee 1914-15; Instr. Anat. Univ. of Minn. 1915-16; Asst. in Med. and Surg., Univ. of Minn. Attend. Phys. Wells Mem. Disp. 1916-18.—Asst. City Phys. and Instr. Surg. *ibid.*

Fechtig, Allen Garthwright—A. B. South 1910; Summer School, Virginia 1911-12, and Med. Dept. 1910-12.—Interne, N. Y. Polyclinic Hosp. New York; 1st Lieut. M. C., A. E. F., France.

***Fergusson, James Grant**—A. B. Stanford 1908; Med. Student, St. Andrew (Scotland) 1910-11, and Munich 1912-13.—Interne, Roosevelt Hosp. New York, Europe. (*Died, July* 14, 1916.)

Fleming, LeRoy Newton—A. B. Miami 1910; Asst. in Surg. 1914-15; Asst. in Physiol. Harvard, Boston. 1915-17.—Physician 329 Hamilton Ave., Detroit.

Flexner, Morris—A. B. Michigan 1910.—R. H. O. 1914-15; Asst. Res. Barnes Hosp. St. Louis 1915-16.—Physician, 948 S. 2d St., Louisville, Ky.; Capt. M. C., Camp Zachary Taylor, Ky.

Frazee, Mary Louise (Mrs. L. F. Tower).—A. B. Goucher 1908.—Asst. Phys. Bloomingdale Hosp. White Plains, N. Y.

Gardner, Harold Bearce—S. B. Grinnell 1910; Res. Phys. St. Francis' Hosp. Pittsburgh 1914-16.—Asst. Dr. G. Kessel, Surg. St. Joseph's Hosp. and Physician, Cresco, Ia.

Grave, Floyd—S. B. Carlton 1908.—Interne, City and County Hosp. St. Paul, Minn. 1914-15.—Teach. Fellow, Med. U. of Minn. Minneapolis.

Hagan, Hugh Johnson—A. B. Washington and Lee 1910; Interne, Jefferson Surg. Hosp. Roanoke, Va. 1914-15.—Physician, Roanoke, Va.; Capt. M. C., Camp Vail, N. J.

Hain, Raymond Fisher—S. B. Bucknell 1910; Interne, Church Home and Infirm. 1914-15; Res. Hebrew Hosp. 1916-17.—Asst. Res. Brady Clinic.

Hall, Raymond Confer—S. B. Wesleyan (Ct.) 1909; House Phys., Bellevue Hosp. New York 1914-16.—Interne, St. Ann's Hosp. and Physician, Anaconda, Mont.

Hampton, Henry Hunton—S. B. Tennessee 1903; Interne, Church Home and Infirm. 1914-17; Res. Surg. Hebrew Hosp. 1917-18.—Res. Gyne. J. H. H. and Instr. in Gyne.

Harrell, Bryant Eugene — A. B. Randolph-Macon 1907; Res. Surg. Jefferson Surg. Hosp. Roanoke, Va. 1914-16.—Asst. Res. Brady Clinic.

***Haupt, Walter Clark** — Ph. D. 1908; Grad. Student Michigan 1910; Asst. Phys. Butler Hosp. Providence, R. I. 1914-15; Asst. Neurol. Inst. of N. Y. New York City 1915-16.—Physician, 161 E. 79th St., New York. (**Died June* 3, 1917.)

Hodge, Mary Ashmun—A. B. Stanford 1903, and Grad. Student 1909-10.—Instr. in Clin. Med. and Dispensary Physician.

Hooper, Charles Warren—A. B. Kansas 1911, and Med. Student 1909-11.—Asst. Prof. Resch. Med. Geo. W. Hooper Fndn. for Med. Resch. Univ. Calif. San Francisco, and Path. Physiol. U. S. P. H. S., Washington, D. C.

Huffman, Lyman Foster — S. B. Ohio Wesleyan 1910; Interne, Lakeside Hosp. Cleveland 1914-16.—Physician, 306 Osborn Bldg. Cleveland.

Hutchison, James Elder — A. B. Ohio State 1909, and Grad. Student, Iowa State 1909-10; Interne, Hartford Hospital 1914-16.—Physician, 36 Pearl St., Hartford, Ct.

Ingraham, Ruth — A. B. Vassar 1907, and Grad. Student, Barnard 1909-10; Interne, Woman's Hosp. Philadelphia 1914-15; Asst. Phys. Greenpoint Hosp. Brooklyn 1915-17.—Roent. Brooklyn Hosp. N. Y.

Jack, William David—A. B. Creighton 1908; Grad. Student, Chicago 1909-10; Interne, Peter Bent Brigham Hosp. Boston 1914-15.—Asst. Res. Brady Institute; Capt. M. C., A. E. F., France.

Jones, Walter Falke—A. B. Hamilton 1908, and A. M. 1909.—Visit. Phys. French Hosp. and Physician, 40 E. 62nd St., New York; 1st Lieut. M. O. R. C. New York.

Keister, William Shirey—A. B. Roanoke 1907, and A. M. 1910; U. S. Marine Hosp. Wilmington, N. C. 1914; Dist. Dir. and Internat. Hlth. Bd. Va. State Bd. Health, Richmond 1914-17.—Hlth. Officer, Wise Co. Norton, Va.; 1st Lieut. M. C. Mobile Hosp., A. E. F., France.

Kelly, Claude Currie—S. B. Davidson 1909; Interne, M. E. Hosp. Brooklyn, N. Y. 1914-16.—Res. Surg. U. P. I. Balt.; 1st Lieut. M. C., Camp Meade.

Ketcham, Clarence Searle—B. L. Rutgers 1910, and A. M. 1914; Interne, P. P. Infirm. Baltimore 1914-15; Army

Med. Sch. 1915-16.—1st Lt. Med. Corps U. S. A.; Amer. Eped. Fcs. France.

King, John Theodore, Jr.—A. B. Princeton 1910; R. H. O. 1914-15; Asst. Res. Phys. 1915-16.—Instr. in Clin. Med. and Physician, Balt.; 1st Lieut. M. C., Camp Wheeler, Ga.

***Krake, Leigh Seward**—A. B. Nebraska 1907. (*Died, July* 9, 1914.)

McGill, Caroline—A. B. Missouri 1904, A. M. 1905, and Ph. D. 1908; Chicago Summer, 1907; Berlin 1909; Tübingen 1910. — Pathol. Murray Hosp. Butte, Mont.

Martin, Floyd August—A. B. Missouri 1911, and A. M. 1912, and Med. Dept. 1906-09; Instr. Pathol. and Bacteriol. Univ. of Missouri, Columbia 1914-15; Asst. Supt. State Hosp. No. 1, Fulton, Mo. 1915-16.—Lab. Diag. Detroit Clin. Lab. Detroit.

Marvel, Norman Clyde — A. B. 1910; Interne, Hosp. Women of Maryland, Baltimore 1914-15; Interne, French Hosp. N. Y. 1915-17.—Clin. Asst. Hosp. for Rupt. & Crip. and Physician, N. Y.

Meyer, Jerome—S. B. Alabama 1908; Med. Dept. J. H. U. 1908-10; Med. House Officer, Washington Univ. St. Louis 1914-15; Med. Officer, Child'ns Mem. Hosp. Chicago 1915-16; H. O Boston Float'g Hosp. Summer 1916.—Pedn. Tenn. Coal & Iron Co. Birmingham, Ala.; 1st Lieut. M. C., A. E. F., France.

Mosiman, Roscoe E.—S. B. Huron 1910; Interne, Lakeside Hosp. Cleveland 1914-15; Surg. Path. Lakeside Hosp. 1915-16.—Asst. Res. Surg. *ibid.*

Moyle, Robert Davie—A. B. McMaster 1908.—Capt. C. A. M. C. 83 Aisquith Ave., Toronto; Capt. Can. Field Amb., France.

Ormond, John Kelso—A. B. Princeton 1906; R. H. O. 1914-15; Asst. Res. Phys. City Hosp. Bay View 1915-16.—Asst. in Surg. Henry Ford Hosp. Detroit; Capt. M. C., Camp Dodge, Ia.

Plumer, John Shaffer—S. B. Pittsburgh 1909; Asst. in Pathol. Allegheny Gen'l Hosp. Pittsburgh 1914-16.—Asst. Path. Singer Mem. Resch. Lab., Pittsburgh; P. A. Surg. U. S. N. R. F., Great Lakes, Ill.

Redelings, Leslie Hall — S. B. Northwestern 1909, and M. S. 1910; R. H. O. 1914-15.—Fellow, Mayo Clinic, Rochester, Minn.; 1st Lieut. M. C., Camp Upton, L. I.

Reichard, John Davis — A. B. Trinity (Ct.) 1910; Interne, Church Home and Infirm. 1914-15 and Md. T. B. San't'm 1915-16.—Asst. Surg. U. S. P. H. Marine Hosp., Baltimore.

Reinhard, Ferdinand Oscar Wolfgang—A. B. 1908; Interne, St. Mary's Hosp. Milwaukee (3 mos.); Res. Johns Hopkins Hosp. Sch. and Convales. Home Colored Chldn. 1914-15; Amer. Red Cross, Serbia 1915-16; Asst. Res. Bay View 1916-17.—Physician, 1400 Linden Ave.; 1st Lieut. M. C.

Robinson, Aaron—A. B. 1910.—Interne, Hebrew Hosp. Baltimore 1914-16.—Asst. Surg. U. S. N. Washington, D. C.

Rockwood, Ethel May—S. B. Simmons 1909; Interne, Memorial Hosp. Worcester, Mass. 1914-16; P. G. in Ortho. Harvard Boston 1916-17.—Phys. Hosp. Cottages, Baldwinville, Mass.

Rothholz, Alma Sophia—A. B. Smith 1910; R. H. O. 1914-15; Asst. in Med. 1915-16.—Asst. Disp. Phys. Asst. in Clin. Med. and Physician; Amer. Red Cross, Le Havre, France.

Saltzstein, Harry—Ph. B. Yale 1910.—Interne, Mt. Sinai Hosp. New York; 1st Lieut. M. C., A. E. F., France.

Szymanski, John J. (Schmitt)—A. B. St. John's (Brooklyn) 1910; Asst. Surg. U. S. P. H. S. Wilmington, N. C. 1914-15; Sanitary Inspect. Amer. Red Cross, Nishe, Serbia 1915-16.—Physician, Passaic, N. J.; 1st Lieut. M. C., A. E. F., France.

Sewell, John Holt—E. E. Texas 1908; Interne, City Hosp. Bayview 1914-16.—Physician, Ft. Worth, Tex.

Shaffer, Floyd Elmer—A. B. Lebanon Valley 1910; Res. Phys. German Hosp. Philadelphia 1915-17.—Asst. Surg. Bethl'm Steel Co. So. Bethl'm, Pa.

Sherrick, Joseph Leslie — A. B. Monmouth 1908; A. M. Yale 1910; Interne, Mass. Gen'l Hosp. Boston 1914-15.—Physician, Monmouth, Ill.

Sherry, Leroy Briggs — A. B. Illinois 1910.—Res. Surg. Lakeside Hosp. Cleveland; 1st Lieut. M. C., B. E. F., France.

Silvester, Richard Lee—S. B. Maryland Agricult. 1909, and Grad. Student, Agricult. 1908, and Grad. Student, 1909-10.—Res. Hosp of Women of Md., Baltimore; Asst. Surg. U. S. N., Washington, D. C.

Stubbs, Landon Elwood — A. B. Randolph-Macon 1910; Interne, Garfield Mem. Hosp. Washington, D. C. 1914-15.—Physician, Gloucester, Va.

* **Taylor, Herbert Douglas** — A. B. St. John's 1910; Prof. Bacteriol. and Pathol. Wake Forest Coll. N. C. 1914-15.—Assoc. Path. and Bact. Rockefeller Inst. for Med. Resch. N. Y.; 1st Lieut. M. C. (**Died October* 8, 1918.)

Utzinger, Otto E.— A. B. Stanford 1910; Asst. Res. U. P. Infirm. Baltimore.—Surgeon, Ithaca, N. Y.

Vanneman, Joseph Stephens — Ph. B. Dickinson 1910; Interne, Church Home and Infirm. Baltimore 1914-15. Res. Phys. Princeton Univ. Infirm. Princeton, N. J.; 1st Lieut. M. C. U. S. Army, Ft. Sam Houston, Aex.

Van Valzah, Laurie—A. B. Oregon 1910; Interne, So. Pacific Hosp. San Francisco 1914-15.— Major M. C., U. S. A., France.

Venable, John Manning—A. B. North Carolina 1910, and Med. Dept. 1910-12; Interne, St. Luke's Hosp. New York 1914-17.—Surg. San Antonio, Texas; 1st Lieut. M. C., A. E. F., France.

Webb, Joseph—A. B. Wittenberg 1910. R. H. O. 1914-15.—Sr. Interne, Obstet. and Gyne. Stanford Univ. San Francisco; 1st Lieut. M. C., Camp Kearny, Cal.

Webb, Roscoe Clayton—A. B. Minnesota 1911; House Phys. and Surg. N. Y. Hosp. N. Y. 1914-17.—Licentiate Nat. Bd. Med. Exrs. U. S. A. 1917. Physician, New York; 1st Lieut. M. C., Evacuation Hosp. No. 8, A. E. F., France.

Webster, Jerome Pierce—A. B. Trinity (Ct.) 1910; R. H. O. 1914-15; Asst. Res. Surgeon 1915-16; Special Asst. to Amer. Embassy, Berlin, Ger. 1916-17. —1st Lieut. M. C., A. E. F., France.

Wilson Harry Eugene—A. B. St. John's 1910; Asst. to Dr. Long, Greensboro Hosp. N. C. 1914-15.—Res. Church Home, Baltimore.

Wolff, Sylvain Beer—S. B. Louisiana State 1910; House Surg. Bellevue Hosp. New York 1914-17.—Physician, Opelousas, La.

Wood, Evans Beauchamp—S. B. Ala. Polytech. 1907, and M. S. 1908; Interne, Lakeside Hosp. Cleveland 1914-16.—Prof. Therap. Emory Univ. and Physician, Atlanta, Ga.; 1st Lieut. M. C.

Woods, Alan Churchill—A. B. 1910; Interne, Peter Bent Brigham Hosp. Boston 1914-15.—Asst. Dept. Resch. Med. Ophthal. Univ. of Penna.; Capt. M. C., A. E. F., France.

Wynne, Herbert Maxwell Nash—S. B. Bethany 1906, and A. M. 1907; Grad. Student, Ohio State 1909; R. H. O. 1914-15; Asst. Res., Res. Gynecol. and Instr. in Gyne., 1915-18.—1st Lieut. M. C. Evac. Hosp. No. 22, Camp Greenleaf, Ga.

Zadek, Isadore — S. B. Ala. Polytech. 1910; R. H. O. 1914-15; Res. Childn Hosp. Sch. 1915-16; Interne, Hosp. for Rupt. and Crippled, N. Y. 1916-17. Res. Orth. J. H. H.; 1st Lieut. M. C.

Smith, John Frederick — A. B. Lake Forest 1907.—Interne, Bellevue Hosp. New York. (*Degree granted February 22, 1915.*)

Class Secretary — John T. King, Jr., 1400 Eutaw Pl.

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1915

Adair, Frank Earl—A. B. Marietta 1910.—House Surg. New York Hosp. N. Y.; 1st Lieut. M. C., A. E. F., France.

Andrew, Harvey Montreville — S. B. Waynesburg 1911; Interne, Hartford Hosp. Conn. 1915-17. — Physician, Hartford; 1st Lieut. M. C., Vancouver, Wash.

Armstrong, Charles—S. B. Mt. Union 1910; Interne, New Haven Gen'l Hosp. Conn. 1915-16; Asst. Surg. U. S. P. H. S. New York, 1916.—U. S. S. "Seneca" 1916-18.—Asst. Surg. U. S. P. H. S.

Atchley, Dana Winslow—S. B. Chicago 1911; R. H. O. 1915-16; Coolidge Fellow Columbia, 1916.—Instr. in Med. Coll. P. and S. N. Y. and Asst. Attend. Phys. Presby. Hosp. and Physician, New York.

Aull, John—A. B. Virginia 1911; Interne, Washington Univ. Hosp. and Children's Hosp. St. Louis 1915-16.—Physician, 900 Rialto Bldg., Kansas City, Mo.

Bacon, Arthur Maynard—A. B. Western Maryland 1911; Interne, Garfield Memorial Hosp. Washington, D. C. 1915-16.—Physician, Ardmore, Okla.; 1st Lieut. M. C.

Baldwin, John Cook—S. B. Hamilton 1910, and M. S. 1913; Grad. Student Berlin, 1910-11; Interne, St. Francis' Hosp. Pittsburgh 1915-16.—Asst. Disp. Ped. and Physician, Baltimore; Capt. Amer. Red Cross, Paris, Mich.

Batchelor, Marjorie Dietz—A. B. Wellseley 1907; Instr. in Med. and Disp. Phys. 1915-18.—Palmerton Hosp., Pa.

Batchelor, Roger Putnam—A. B. Wisconsin 1911; Assistant in Surg. H. L. 1915-16; Instr. and Asst. Res. Surg. 1915-18.—Surg. in Chief Palmerton Hosp., Pa.

Bates, Harold Edwards—A. B. Oregon 1910; Interne, Bellevue Hosp. New York 1916-17. — Physician, London Hosp. London, Eng.

Bean, Leo. Chapman—Ph. B. Ohio 1911; Interne, Union Protest. Infirmary 1915-16; Asst. Res. Phys. City Hosp. Bay View 1916-17; Asst. Path. Wash. Univ. St. Louis 1917-18.—Instr. Med. and Med. Ad. to Students, *ibid.*

Belden, Louis de Keyser—S. B. North Carolina 1910, and Med. Dept. 1911-13.—Interne, Roosevelt Hosp. New York; 1st Lieut. M. C., A. E. F., France.

Braunlich, George—Ph. B. Chicago 1910; Interne New Haven Hosp. Conn. 1915-16; 1st Lieut. Ct. N. G. Mexican Border, 1916.—Phys. Davenport, Iowa; 1st Lieut. M. C., Camp Arthur, Texas.

Burket, Walter C.—S. B. Chicago 1911, and A. B. Baker, 1912; R. H. O. 1915-16; Asst. Res. Surg. 1916-17.—1st Lieut. M. C., A. E. F., France.

Christopher, Frederick—S. B. Northwestern 1911.—House Surg. New York Hosp. New York; 1st Lieut. M. C., A. E. F., France.

* **Clark, Admont Halsey**—A. B. Oberlin 1910; Asst. Instr. and Assoc. in Path. 1915-18; Assoc. Prof. Pathol. and Pathol. City Hosp. (**Died October* 13, 1918.)

Clarke, Jefferson Hamer, Jr.—A. B. Haverford 1911.—Interne, Samaritan Hosp. and Instr. in Med. Semple Univ. Philadelphia.

Clausen, Samuel Wolcott—A. B. Williams 1910; Grad. Student, Princeton 1910-11; R. H. O. 1915-16; Asst. in Med. 1916-17.—Instr. Ped. Washington Univ. Med. Sch., St. Louis, Mo.; 1st Lieut. M. C.

Clough, Harry Duffield—A. B. Brown 1908, and A. M. 1911.—Interne, R. I. State Hosp. Providence.

Crawford, Rena—Ph. B. Chicago 1903; A. M. Columbia 1910; Interne, N. Y. Infirmary for Women and Children. New York 1915-16; Res. Phys. Royal Hosp. for Sick Chldn, Edinburgh, Scotland 1916-17; Paddington Ereen Children's Hosp., London.—Med. Officer Gbraylochart Hosp., Edinburgh.

Cunningham, Robert Sydney—S. B. and A. M. Davidson 1911; Assistant in Anatomy 1915-16.—Instructor; 1st Lieut. M. C., Army Med. Sch., Washington, D. C.

Dayton, Arthur Bliss—Ph. B. Yale 1911; Fellow in Pathology 1915-16; Physician, Naugatuck, Conn.; 1st Lieut. M. C., A. E. F., France.

Delatour, Beeckman J.—S. B. Amherst 1911.—Interne, St. Luke's Hosp. New York.

Derr, Woods Frederick— A. B. Bucknell 1911; Interne, Williamsport Hosp. Williamsport, Pa. 1915-16. — Physician, Renovo, Pa.

Doherty, Drayton Howard—A. B. Howard 1910.—Physician, Selma, Ala.; 1st Lieut. M. C., A. E. F., France.

Elmendorf, DuMont F.—A. B. Rutgers 1911 and A. M., 1915; House Officer, 1915-16.—Asst. Res. Orth. Surg.; 1st Lieut. M. C., Army Med. Sch., Washington, D. C.

Fallas, Roy Edwin—A. B. Leland Stanford Jr. 1911; R. H. O. 1915-16; Asst. Res. Lakeside Hosp. Cleveland 1915-16. —Asst. in Surg. Henry Ford Hosp. Detroit.

Faust, Otto Alois—Ph. B. Union 1911. Interne, The R. I. Hosp. Providence 1915-17.—Asst. in Med. Albany Med. Sch., Act. Asst. Vis. Phys. Albany Hosp. and Physician, Albany, N. Y.; 1st Lieut. M. C.

Gasser, Herbert Spencer—A. B. and A. M. Wisconsin 1910 and 1911, and Med. Dept. 1909-11; Asst. and Instr. in Physiol. *ibid.* 1911-13.—Instr. in Pharmacol. Univ. Wisconsin, Madison 1915-16.—Assco. in Physiol. Washg. Univ., St. Louis.

von Glahn, William Carson—S. B. Davidson 1911; Interne, New Haven Hosp. Conn. 1915-17.—Asst. in Pathol.

Glass, Samuel James, Jr.—S. B. Pittsburgh 1911; Interne, Hosp. for Women of Maryland 1915-16; Res. Surg. Providence Hosp. Washington, D. C. 1916-17.—Assoc. Surg. Presb'n. Hosp. and Chf. Surg. O. P. D. *ibid.* Pittsburgh; 1st Lieut. M. C., U. S. A., Camp Devens, Mass.

Gober, William Mayes—A. B. Georgia 1909. — Interne, Methodist Episcopal Hosp. Brooklyn.

Goddard, Calvin Hooker—A. B. 1911; Asst. in Med. Heart Station, J. H. H. and Asst. Disp. Phys. 1915-16.—Major Med. Corps, U. S. Army, Camp Upton, New York.

Griffith, Lewie Muller—S. B. South Carolina 1908; Asst. in Laryngology and Res. So. Balt. Eye, Ear, Nose and Throat Hosp. 1915-16.—Surgeon, Asheville, N. C.—1st Lieut. M. C., Fort McPherson, Ga.

Griffith, Roy—S. B. Georgia 1911; Interne, Hartford Hosp. Conn. 1915-17. —Physician, W. Orange, N. J.

Haden, Russell Landram—A. B. Virginia 1910, and A. M. 1911; R. H. O. 1915-16.—Dir. Lab. Henry Ford Hosp. Detroit; 1st Lieut. M. C., Camp Lee, Va.

Happ, William Morris—A. B. Georgia 1911; Interne, City Hosp. Bayview 1915-16; Disp. Phys. Harriet Lane Home 1916-17.—1st Lieut. M. O. R. C. Hopkins Unit.

Heddens, Vernon Offutt—A. B. Missouri 1910.—Interne, New York Hosp. N. Y.

Houck, Frank M.—Ph. B. Dickinson 1910. —Supt. Cragmor Sanatorium, Colo. Spgs. Colo.

Irwin, Stewart Vernon—S. B. California 1911; R. H. O. Med. Attache, Amer. Emb., Berlin, 1915-17; Asst. Res. Physn. 1915-18.—Res. Phys. Private Wards.

Joseph, Morris—S. B. New York 1911; Student, Bellevue Hosp. Med. Coll.

1910-11; Res. Phys. and Res. Surg. Santo Tomas Hosp. Panama 1915-18.—Physician, 30 Lexington Ave., Passaic, N. J.; 1st Lieut. M. C.

McLean, McDugald Keener—A. B. Southwestern 1908; Med. Dept. J. H. U. 1909-10; B. Sc. Oxford, England, 1913; Interne, City Hosp. Bayview 1915-16.—Physician, N. M. Cot San., Silver City, N. M.

MacRae, Floyd Wilcox, Jr.—Ph. B. Yale 1911; Interne, Lakeside Hosp. Cleveland, 1915-16.—Physician, 1014 Peachtree St., Atlanta, Ga.; Capt. M. C., A. E. F., France.

McVay, James Robert—A. B. Missouri 1912, and A. M., 1913, Med. Dept. 1910-12, and Grad. Student 1912-13; Interne, Lakeside Hosp. Cleveland, nie, Rochester, Minn.; 1st Lieut. M. C., Camp Lee, Va.

Makel, Hertel Philip— A. B. 1911; Res. Surg. St. Agnes' Hosp. 1915-17.—1st Lieut. M. C., Ft. Oglethorpe, Ga.

Mason, Verne Rheem—S. B. California 1911; R. H. O. 1915-16; Asst. Res. Phys. 1916-17.—1st Lieut. M. C. U. S. A. Base Hosp. No. 18, A. E. F., France.

Maxcy, Kenneth Fuller—A. B. George Washington 1911; R. H. O. 1915-16; Asst. Res. Ped'n 1915-17.—Asst. Res. Phys. Henry Ford Hosp. Detroit; Capt. M. C., Camp Shelby, Miss.

Melen, David Ralph—S. B. Rochester 1911. — Interne, Rochester Infants' Summer Hosp. (Summer, 1915); Interne, Rochester Gen'l Hosp. New York.

Mitchener, James Samuel—S. B. Davidson 1909.—Physician, Health Officer Lenoir Co., and Physician, Kinston, N. C.

Morgan, Harold Sydney—A. B. Leland Stanford, Jr. 1912, and Med. Dept. 1911-12; Interne, Bellevue Hosp. New York 1912-14; 1st Lieut. M. C. (*Died in France, May*, 1918.)

Moore, Thomas Verner—Ph. D. Catholic U. of A. 1903; Fellow and Instr. in Psychol. C. U. of A.; Med. Student, Georgetown 1910-13. and Munich 1913-14.—Assoc. Prof. Psychol. Catholic Univ. of America, and Dir. Prov. Psychia. Disp. Washington, D. C.

Morison, Rufus Ayers — Va. Military Inst. 1905; Res. Phys. Royal Victoria Hosp. Montreal, Canada 1915-17.—Rockefeller Hosp. New York.

Murray, John Gardner, Jr.—A. B. 1911; R. H. O. 1915-16.—Res. Obstet. and Disp. Obstet. and Instr. in Obstetrics. Capt. M. C., Camp Hancock, Ga.

Musser, Harvey Huston—A. B. 1911; R. H. O. 1915-16; Asst. Res. Surg. 1916-17.—Capt. M. C., A. E. F., France.

Newcomer, Harry Sidney—A. B. Wisconsin 1909, and A. M. 1910, and Grad. Student 1910-11; Chicago Summer Qr. 1910-11, and Freiburg 1912-13.—P. A. Surg. U. S. N. R. F., Washington, D. C.

Peightal, Thomas Christian — Ph. B. Franklin and Marshall 1911.—House Phys. Roosevelt Hosp. and Staff Phys. C. F. Mackay Red Cross Roosevelt Base Hosp. Unit No. 15, New York; 1st Lieut. M. C., A. E. F., France.

Preston, George Hinrichs—A. B. 1911; R. H. O. 1915-16; Sr. Res. Priv. Wd. Med. Service, 1916-17.—1st Lieut. M. C., A. E. F., France.

Putnam, Mary—A. B. Bryn Mawr 1910; Interne, N. Y. Infirmary for Women and Children, New York 1915-16; Phys. Royal Hosp. for Sick Chldn. Franco-Amer. Com. Care of Chldn. from Frontier, Paris, 1917-18.—Interne, J. H. H.

Rhodes, George Kremer—S. B. California 1912, and Med. Dept. 1911-12; R. H. O., 1915-16; Asst. Roosevelt Hosp. N. Y. 1917-18.—1st Lieut. M. C.

Richards, Davis Neeper—A. B. Wooster 1911; Interne, Montreal Maternity Hosp. Canada 1916-17.—Res. Gyne. Royal Vic. Hosp. Montreal.

Richards, Esther Loring—A. B. Mt. Holyoke 1910; Med. Dept. Wisconsin 1910-13; R. H. O. 1915-16.—Asst. Res. Phys. Phipps Psychia. Clinic. and Instr. in Psych.

Rivers, Thomas Milton—A. B. Emory 1909; Med. Dept. J. H. U. 1909-11; R. H. O. 1915-16; Res. Pedn. and Instr. in Pediartics 1916-18.—1st Lieut. M. C., U. S. Army, Fort Riley, Kansas.

Rosenthal, Gilbert White—A. B. 1910, and Grad. Student 1910-11; R. H. O. 1915-16.—1st Lieut. M. C., U. S. Army, A. E. F., France.

Rothschild, Lippman Levy—A. B. Yale 1910; Interne, Phipps Psychiatric Clinic; 1915-17.—Asst. Phys. Homewood San. Guelph, Ont.

Schnack, Adolph George—A. B. Leland Stanford, Jr. 1910; A. M. Yale 1911; Interne, Mass. Gen'l Hosp. Boston 1915-17.—Physician, San Francisco, Cal.

Scott, Katherine Julia—A. B. Wellesley 1910; Grad. Student, Radcliffe 1910-11.—Instr. in Anat. Univ. of Calif. Berkeley.

Shellito, Judd Campbell—S. B. Princeton 1911; Interne, Harper Hosp. Detroit 1915-16. — Physician, Independence, Iowa; 1st Lieut. M. C., A. E. F., France.

Shewbrooks, Daniel Marsh—A. B. Middlebury 1909; Interne, City and County Hosp. St. Paul, and Asst. in Med.

Univ. of Minn. 1916-17.—Major M. R .C. and Instr. in Sanitation and Hyg., U. S. Mil. Acad., West Point, New York.

Slater, Harvey M.—A. B. Oregon 1911; Interne, City and County Hosp. St. Paul, Minn. 1915-17.—Physician, Minneapolis; Capt. M. C., Camp Lewis, Wis.

Smith, Daniel Clarke Wharton 2nd—Ph. B. Yale 1911; Interne, City Hosp. Bayview; 1915-16; Interne in Pediatrics 1916-17.—Physician, Baltimore; Capt. M. C., Camp Greenleaf, Ga.

Smith, Lucius Ernest—S. B. Kentucky 1911; Interne, Presbyterian Hosp. San Juan, P. R. 1915-16.—West African Miss'n, Batanga, Cent. W. A.

Smith, L. Howard—S. B. Huron 1910; Interne, Garfield Memorial Hosp. Washington, D. C. 1915-16.—Asst. Surg. U. S. P. H. S. U. S. S. "Yamacraw" Norfolk, Va.

Swan, Mary Hannah—A. B. Mt. Holyoke 1905; Woman's Med. Coll. of Pa. 1910-12.—Pathol. Central Hosp. Ill. C. R. R. Chicago.

Sydenstricker, Virgil Preston Willis—A. B. Washington and Lee 1910, and A. M. 1911; R. H. O. 1915-16; Asst. in Med. 1916-17.—1st Lieut. M. O. R. C. Hopkins Unit.

Tappan, Benjamin—A. B. 1911; Interne, Cincinnati Gen'l Hosp. Ohio 1915-16.—Disp. Pediatrician.

Thomas, William Clark—A. B. Emory 1911; Interne, Union Protestant Infirmray, 1915-17.—Major, M. C., C. Morfa, Texas.

Trueblood, Donald Vaughn—A. B. Washington 1911; R. H. O. 1915-16; 1916-17.—Res. Surg. Minor Priv. Hosp. Seattle, Wash.; Capt. M. C., A. E. F., France.

Tucker, Prescott Stearns—A. B. George Washington 1911; R. H. O. 1915-16.—1st Lieut. M. C., U. S. Army, A. E. F., France.

Turner, John Calvin, Jr.—S. B. Davidson 1908, and A. M. 1909; Grad. Student, Columbia 1910-11.—Interne, St. Luke's Hosp. New York; 1st Lieut. M. C., Camp Greenleaf, Ga.

Turner, Victor Roland—S. B. Denison 1909; A. M. Harvard 1911; Interne, Hosp. Women of Md. 1915-16.—Attd. Phys. Newark City Hosp. 1916-18.; 1st Lieut. M. C., Washington, D. C.

Walker, John Edward—S. B. Ala. Polytech. 1910, and M. S. 1911; Interne, City Hosp. Bayview 1915-16.—Major Med. Corps, U. S. Army, France.

Warner, Charles Luther—A. B. 1911.—Asst. Res. Hosp. for Women of Maryland 1915-17.—Asst. Surg. U. S. N. U. S. Naval Hosp., Fort Lyon, Colo.

Werner, Roy Gillilan—A. B. Ohio State 1909, and Grad. Student 1909-10; Med. Student, Chicago, Summer, 1911.—Physician, Parkersburg, W. Va.

Wharton, Lawrence Richardson—Ph. B. Hiram 1907; Grad. Student, J. H. U. 1910, and DePauw 1911; R. H. O. 1915-16.—Asst. Res. Gyne.; 1st Lieut. M. C., A. E. F., France.

Whisman, Henry Stafford—S. B. California 1911; Interne, Roosevelt Hosp. and Asst. Res. Phys. Sloane Hosp. N. Y. 1915-17.—Res. Phys. U. of Cal. Hosp. Berkeley; 1st Lieut. U. S. N. M. C., San Francisco.

Williams, Louis Hicks — A. B. North Carolina 1911; Interne, Polyclinic Hosp. New York 1915-16.—Asst. Surg. U. S. N. Med. Corps, Foreign Service.

Wix, Edward Blaine—Ph. B. Yale 1911. Physician, 1300 Garden St., Hoboken, N. J.

Woo, Sien-ming (Hu Hsüan-ming)—A. B. St. John's (Shanghai) 1910, Grad. Student, J. H. U. 1910-11; Student Sch. for Health Officers, Harvard and Mass. Inst. Tech. 1915-17; Secy. Joint Council Pub. Health Ed'n. Shanghai, China, 1917-19.—Physician, 5 Quinsan Gardens, Shanghai.

Chisolm, James Julian—A. B. Princeton, 1911.—Asst. Res. Laryn. and Asst. in Laryn.; 1st Lieut. M. C., Camp Grant, Rockford, Ill. (*Degree granted Feb.* 22, 1916.) (89)

Class Secretary—Benjamin Tappan, Guilford.

1916

Anderson, William Willis—A. B. Georgia 1911; Interne, City Hosp. Bayview 1916-17.—Res. Path. City Hosp. Bay View.

Applebaum, Herman S.—A. B. 1912.—Interne, Mt. Sinai Hosp. Cleveland, O.

Bacon, Emily Partridge—A. B. Wilson 1912; Interne, Philadelphia Genl. Hosp., Philadelphia, 1917-18.—Chf. Res. Chldn's Dept. Lankeman Hosp., Philadelphia.

Barclay, Irvin C.— S. B. Knox 1912; Asst. Res. Surg. Henry Ford Hosp., Detroit, 1917-18.—Res. Surg. U. P. I., Balto.

Barlow, Bryan Anderson—S. B. Alabama 1912.—Physician, Ft. Wayne, Ind.

Bean, Harold Cedric—A. B. Oregon 1912. and Med. Dept. 1912-13; R. H. O. 1916-17.—Res. Phys. New Haven Hosp. Conn.; 1st Lieut. M. C., U. S. Army, B. E. F., France.

Blanco, Pio—S. B. Washington and Jefferson 1912; Interne, University Hosp. Minneapolis, Minn. 1916-17; Fellow in

Surg. Mayo Clinic, Rochester, Minn., 1917-18.—Hosp. Rupt. and Crip. N. Y. City; 1st Lieut. M. C.

Brock, Sam—A. B. Georgia 1911.—Interne, Lakeside Hosp. Cleveland, O.; Capt. M. C., A. E. F., France.

Bullard, H. Hays—A. B. Missouri, 1908; A. M., 1909, and Med. Dept., 1906-08; Ph. D., Tulane 1912; Instr. Anat., *ibid.* 1909-12, and Pittsburgh 1912-14.—Assoc. in Pathology and Res. Pathol.

Burkholder, Harry Jackson—S. B. Monmouth 1912; Interne, Hartford Hosp. Conn. 1916-17.—Interne, Walker Hosp. Evansville, Ind.

Carden, John Joseph, Jr.—S. B. California 1912.—Interne Bridgeport City Hosp. Conn.

Christman, Paul William—S. B. California 1912; College of Medicine, *ibid.*, 1911-13.—Res. Phys. and Path. City Hosp. Bayview and Asst. in Path. 1917-18; 1st Lieut. M. C., Camp Shelby, Miss.

Clark, Seymour Garland—Ph. B., Emory 1912.—Interne, M. E. Hosp. Brooklyn, N. Y.; 1st Lieut. M. C., Camp Crane, Pa.

Conrad, Henry Brown—A. B. Wake Forest 1912, A. M. 1913 and Med. Dept. 1912-13; R. H. O. 1916-17.—Asst. Res. Pedn.; Asst. Surg. U. S. N. R. F., Washington, D. C.

Cummings, William Walter—A. B. Brown 1912. — Interne, R. I. Gen'l Hosp. Providence; 1st Lieut. M. C., Camp Meade.

Darrow, Frank Irons—S. B. N. D. Agr. 1912.—Interne, Barnes Hospital, St. Mo., 1916-17; Res. Path. *ibid.;* Asst. in Path. Wash. Univ., St. Louis, 1917-18.—1st Lieut. M. C., Camp Pike, Ark.

Disbrow, Harold Ball—A. B. Princeton 1911; Interne, Jefferson Surgical Hosp. Roanoke, Va., 1916-17.—1st Lieut. M. C., A. E. F., Farnce

Eidson, Joseph Pugh—A. B. Miami 1912; R. H. O. 1916-17; 1st Lieut. M. C., Camp Sevier, S. C.

Erickson, Reuben Johann—A. B. Knox 1911; Interne, Royal Victoria Hosp. Montreal, Can. 1916-17.—Physician, Galesburg, Ill.; 1st Lieut. M. C., A. E. F., France.

* **Etheridge, James Allan**—A. B. Georgia 1912; R. H. O. 1916-17.; Asst. Res. Brady Clinic. (**Died October* 7, 1918.)

Fairbank, Ruth Eldred—A. B. Illinois 1911; R. H. O. 1916-17.—Asst. Res. Physn. and Asst. in Psych.

Felton, Lloyd Derr—A. B. Wooster 1910, and Grad. Student Wooster.—Instr. Bacteriol.; Cont. Surg. U. S. A. Neuro-Surg. Lab., J. H. M. S.

Fielder, Roy Lamar—A. B. and S. B. Emory and Henry, 1912. — Interne, Southern Pacific Hosp. San Francisco. Asst. Surg. U. S. N. R. N. Tr. Sta., San Francisco.

Finney, William Parker, Jr.—A. B. Princeton 1908; Grad. Student, J. H. U. 1911-12; Rockefeller Fellow in Pathol. 1916-18.—1st Lieut. M. C., Amer. U. Exp. Sta., Wash., D. C.

Fuller, Robert Guy—S. B. Louisiana State 1907.—Res. H. A. Kelly Hosp.

Gill, Hugh Clinton Fiske—S. B. Maryland Agr. 1912.—Interne, Union Protestant Infirmary; 1st Lieut. M. C., Camp Mills, L. I.

Greenwood, Adolphus Barte—A. B. Univ. of N. Carolina 1910, and Med. Dept. 1912-14; Interne, Highsmith Hosp. Fayetteville, N. C. 1916-17.—Serologist, N. C. State Lab. Hyg. Raleigh, N. C.

Grempler, Walter Edward—A. B. 1912.—Interne, Hosp. of Univ. of Minn. Minneapolis; 1st Lieut. M. C., Camp Grant, Ill.

Haessler, Ferdinand Herbert—A. B. Wisconsin 1914, and Med. Dept., 1912-14; Chicago, Feb.-June 1914; Interne, Henry Ford Hosp. Detroit, Mich. 1916-17; Interne, Chldn. Mem. Hosp. Chicago, 1917.—Instr. in Path. U. of Louisville and Res. Path. Louisville City Hosp. Ky. 1917-18.—1st Lieut. M. C., Rock Inst. Resch., N. Y.

Hallock, David Horace—A. B. Hamilton 1912 and A. M. 1915.—Interne, N. Y. Hosp.; 1st Lieut. M. C., A. E. F., France.

Hamman, Howard Harrison—S. B. Allegheny 1912; Interne U. P. I. 1916-17. —Interne Church Home and Infirm.

Handy, Margaret Irving—A. B. Goucher 1911; Interne, Woman's Hosp. Philadelphia 1916-17.—Asst. Res. Phys. J. H. H.

Harmon, Charles Maxwell—A. B. Lake Forest 1912.—Interne, Church Home and Infirm., Baltimore; 1st Lieut. M. C., A. E. F., France.

Harris, John Warton—A. B. and A. M. Univ. of North Carolina 1911-12; R. H. O. 1916-17.—Res. Obstn. and Instr. in Obstet.

Herrop, George Argale, Jr.—A. B. Harvard 1912; R. H. O. 1916-17.—Asst. Res. Phys. and Asst. in Med.

Heldt, Thomas Johannes—A. B. and A. M. Missouri 1910 and 1912, and Med. Dept. June 1912 to Sept. 1914; Clin. Asst. in Psych. Psychiatric Inst. Ward's Island, N. Y. and Attend. Phys. Dept. Psycho-Path. Cornell; 1st Lieut. M. C. Psych. Unit Base Hosp.

Herpel, Frederick Karl—A. B. Allegheny 1912.—Interne, Hartford Hosp. Conn.

Hicks, Elijah Maxie, Jr.—A. B. Furman 1912, and A. M. 1913.—Interne, Jefferson Surg. Hosp. Roanoke, Va.

Hood, Robert Carhart—A. B. Washington and Lee 1912.—Interne, Post-Graduate Hosp. N. Y.; 1st Lieut. M. C., A. E. F., France.

Hundley, Jack Mason—A. B. St. John's 1912.—Interne, Union Protestant Infirm., Baltimore; 1st Lieut. M. C., Camp Crane, Pa.

Jenks, Mildred— A. B. Wellesley 1911; Interne, Infirm. for Women and Children, N. Y. 1916-17; Lab. Organiz'n Mt. McGregor, N. Y., 1917-18.—Res. Phys. Hackett Med. Coll. and Hosp., Canton, China.

Kinne, Arthur Lyman—A. B. Dartmouth 1912; R. H. O. Boston City Hosp., Boston 1916-17.—Res. Phys. L. I. Hosp., Boston, Mass.

Lawrence, Joseph Sell—A. B. Franklin and Marshall 1904, and A. M., 1912; Bact. Amer. Amb., Neuilly, France, 1916; Asst. in Bact. and Hygiene 1916-17.—Bact. Lab. State Dept. Health, Albany, N. Y.; 1st Lieut. M. C., Dept. Health, Albany.

Lena, Hugh Francis—A. B. Dartmouth 1912.—R. H. O. Boston City Hosp. Boston; Asst. Surg. U. S. N., New London, Conn.

Lincoln, Asa Liggett—A. B. Elon 1910, and A. M., 1911.—Interne, Post-Graduate N. Y.; 1st Lieut. M. C., Camp Chillicothe, Ohio.

***Long, John Gabriel**—A. B. Franklin and Marshall 1912.—Res. Surg. St. Agnes' Hosp., Baltimore, 1916-18.—1st Lieut. M. C., Rock Inst. Med. Resch., New York. (**Died October* 24, 1918.)

Lovett, Irving Kennedy—Ph. B. Lafayette 1912; R. H. O. 1916-17.—1st Lieut. M. C., Camp Johnston, Fla.

McCafferty, Lawrence Kinsman—A. B. Kenyon 1912; Interne, J. H. Col. Conv. Home, 1916-17; Asst. Surg. U. S. N., Washington, D. C.

McCarthy, Charles Lee—S. B. Princeton 1912; R. O. H. 1916-17.—P. A. Surg. U. S. N. Comfort.

McGuire, Patrick Francis—A. B. Rock Hill 1909; R. H. O. 1916-17.—1st Leut. U. S. Army Med. Corps, A. E. F., France.

Mass, Edith Helen (Mrs. A. L. Lincoln)—A. B. Vassar 1912; Columbia Summer 1912; Interne, Willard Parker Hosp. Nov.-Dec. 1916; Interne, Bellevue Hosp. N. Y. 1917-18; Lacey Springs, Va.

Major, Richard S.—A. B. Wofford 1909.—Interne, Allegheny Genl. Hosp. Pa.; Capt. M. C., Fort Bayard, N. M.

Martin, Walter Bramblette—S. B. Virginia Polytech. 1909; R. H. O. 1916-17.—1st Lieut. M. C., Fort Oglethorpe, Ga.

Miller, Milo Kirk— A. B. Illinois 1912; R. H. O. 1916-17.—Asst. Surg. U. S. N. "Delaware."

Mitchell, William Thomas, Jr.—S. B. Pittsburgh 1912; Interne and Asst. Staff, Allegheny Genl. Hosp. Pittsburgh, Pa., 1916-17.—Physician, Pittsburgh, Pa.

Moore, Joseph Earle—A. B. Kansas 1914; Summer Session, Chicago, 1913-14; R. H. O. 1916-17.—1st Lieut. M. C.

Mullin, John Henry—S. B. Princeton 1912; Interne, M. E. Hosp. Philadelphia, Pa. 1916-17.—Chf. Res. Phys. Del. Hosp. Wilmington; 1st Lieut. M. C., Camp MacArthur, Tex.

Murchison, David Reid—A. B. North Carolina 1912.—Interne, Henry Ford Hosp. Detroit, Mich.

Pfitsch, Alfred, Jr.—A. B. Western Maryland 1912; Interne, St. Agnes' Hosp. Balt. 1916-17; Res. Surg. St. Vincent's Hosp. Erie, Pa., 1916-17.—Phys. Chg. Amer. Luth. Mis. Hosp., Rentachintala, S. India.

Pritchett, Charles Bernard—A. B. Washington and Lee 1912.—Interne, St. Agnes' Hosp. Balt.

Reese, Sidney O., Jr.—S. B. Nebraska 1913, and Med. Dept. 1911-13; R. H. O. 1917-18.—1st Lieut. M. C.

Reid, Horace Withers—A. B. Central Univ. of Kentucky 1911, and A. M. 1912; R. H. O. 1916-17.—1st Lieut. M. C., A. E. F., France.

Reynolds, Fred Dawson—S. B. Alabama 1912.—Res. Phys. St. Francis Hosp. Pittsburgh, Pa.; Capt. M. C., Camp Travis, Tex.

Reynolds, Lawrence—A B. Alabama 1912; Asst. X-Ray Dept. J. H. H. 1916-17; 1st Lieut. M. C., A. E. F., France.

Roberts, Francis Errett—A. B. Bethany 1912; R. H. O. 1916-17.—Asst. Res. Gyne.; 1st Lieut. M. C.

Sevier, Charles Edwin—S. B. Vanderbilt 1912; R. H. O. 1916-17.—Physician, Brownsville, Tex.

Sevier, John Alston—S. B. Vanderbilt 1912.—Resch. Staff, Trudeau Sch. for Tb. Saranac Lake; 1st Lieut. M. C., A. E. F., France.

Smith, Daniel Glen— S. B. Union 1912; R. H. O. 1916-17.—Physician, Schenectady, N. Y.; 1st Lieut. M. C., A. E. F., Base Hosp. No. 33.

Smith, Taylor Bivens—A. B. Marietta 1912.—Interne, Univ. Hosp. of Minnesota, Minn.

Southard, William White—A. B. Stanford 1910; Interne, U. S. Soldiers' Home Hosp. Washington, D. C. 1916-17.—1st Lieut. M. C., Washington, D. C.

Speed, James Spencer—A. B. Virginia 1912.—Interne, Jefferson Hosp. Roanoke, Va.; 1st Lieut. M. C., Camp Crane, Pa.

Stifel, Richard Ernest—A. B. Harvard 1912; Interne, Lakeside Hosp. Cleveland, O.—Capt. M. C., Camp Johnston, Fla.

Stoddard, James Kent—A. B. Princeton 1912; Interne, Mass. Gen's Hosp. Boston 1916-17.—Physician, 7930 Grefeld St. Phila.; 1st Lieut. M. C., A. E. F., France.

Sutton, Alan Callender—A. B. 1912.—R. H. O. 1916-17.—Asst. Res. Phys. in Chg. Med. Disp.; 1st Lieut. M. C., A. E. F., France.

Sutton, Thomas Lynn—A. B. Michigan 1912; R. H. O. 1916-17.—1st Lieut. in Chg. Med. Disp.; 1st Lieut. M. C. U. S. N. F., Liverpool, Eng.

Thomas, Henry M., Jr.—S. B. Haverford 1912.—Interne, Mass. Gen'l Hosp. Boston; 1st Lieut. M. C., Camp Meade.

Warinner, Junius Ernest, Jr.—A. B. Richmond 1912.—Physician, Richmond, Va.; 1st Lieut. M. C., Camp Crane, Pa.

Wheeler, Theodora—(Mrs. T. W. Finney)—A. B. Vassar 1911.—Resch. Asst. Chldns. Bureau, Washg., D. C.

White, Samuel Augustus—S. B. South Carolina 1912.—1st Lieut. M. C., West Point, Ky.

Wislocki, George Bernays—A. B. Washington Coll. (St. Louis) 1912; Asst. in Anatomy 1916-17.—Dept. Surg. Harvard, Boston; 1st Lieut. M. C., Amer. Univ. Exp. Sta., Washington, D. C.

Zimmerman, Ernest Ludwig—A. B. Dartmouth 1912.—Disp. Phys. Dept. L. and Asst. Clin. Med.

(83)

Briggs, Rowland Sill—S. B. Calif. 1913; Med. Dept. *ibid.* 1912-14; Interne, City Hosp. Bayview 1916-17.—X-Ray Dept. J. H. H. 1917; Roentg., Sacramento, Cal. (*Degree granted February* 22, 1917.)

Henry, George William—A. B. Wesleyan (Ct.) 1912; Asst. Res. Psych. Phipps Clinic 1916-17.—Asst. Res. Phys. Bloomingdale Hosp., White Plains, N. Y. (*Degree granted February* 22, 1917.)

Class Secretary—John G. Long, St. Agnes Hospital, Baltimore.

1917

Amberson, James Burns, Jr.—Ph. B. Lafayette 1913; Interne, New Haven Hosp. Conn. 1917-18.—Asst. Phys. Loomis San., N. Y.

Anderson, James Kerr.—A. B. Washington and Jefferson 1913. — Interne Minneapolis City Hosp, Minn.; 1st Lieut. M. C., Camp Taylor, Ky.

Anderson, Walter Thomas—A. B. Washington and Jefferson 1913; R. H. O. 1917-18; 1st Lieut. M. C.

Baird, John Herman—A. B. Kenyon 1913; R. O. H. 1917-18.—1st Lt. M. C., N. Y. City.

Banks, Horace McMurran—A. B. Washington and Lee 1913.—Physician, Shepherdstown, W. Va.; 1st Lieut. M. C.

Belcher, Burton Elias—S. B. Florida State 1905.—Asst. Surg. U. S. Navy, A. E. F., Haiti.

Blake, William Campbell.—S. B. Howard 1913.—Interne. Post-Graduate Hosp. N. Y.; Asst. Surg. U. S. N. (abroad).

Blanchard, Irene M.—A. B. Michigan 1898.—Interne, Minneapolis City Hosp. Minn.

Brady, Leo—A. B. 1913.—R. H. O.; Lieut. M. C., Camp Oglethorpe, Ga.

Brosius, William Lewis, Jr.—A. B. Missouri 1915, and Med. Dept. 1913-15; R. H. O. 1917-18.—1st Lieut. M. C.

Brown, G. Bedford, Jr.—S. B. Georgetown 1912, and Yale 1913; Externe in Laryngology 1917-18.—Detroit, Mich.

Bullard, Hugh Max—S. B. Bucknell 1913.—Interne, Brooklyn City Hosp. N. Y.; 1st Lieut. M. C., A. E. F., France.

Callander, Curle Latimer—A. B. Harvard 1913; R. H. O. 1917-18; 1st Lieut. M. R. C. (inactive).

Carroll, Alice Berry—(Mrs. E. K. Marshall, Jr.)—S. B. Ohio State 1911; Med. Dept. Wisconsin 1912-13.—Washington, D. C.

Carter, John Meynard—A. B. Missouri 1914, A. M. 1915, and Med. Student 1912-15. — Interne, Harper Hosp. Detroit.

Clark, George Arthur—S. B. Hamilton 1913; Interne, Roosevelt Hosp. N. Y. 1917-18.—1st Lieut. M. C.

Clark, Hallie Marguerite—S. B. Syracuse 1912; Interne, Hosp. for Women of Maryland 1917-18.—Asst. Res. Phys. and Asst. in Med.

Davidson, Herman Porter—A. B. Washington and Lee 1913.—Interne, New Haven Hosp. Conn.; 1st Lieut. M. C., Fort Oglethorpe, Ga.

Davison, Wilburt Cornell—A. B. Princeton 1913; B. A. and B. Sc. Oxon 1915-16; Med. Student, Oxford 1913-16. 1st Lieut. M. C., A. E. F., France.

Doege, Karl Herman—S. B. Wisconsin 1914, and Med. Dept., 1912-14.—Interne, City Hosp. Bayview; 1st Lieut. M. C.

Doub, Howard Philip—A. B. Western Maryland; 1913; Externe in Roentgenology 1917-18.—Physician, 1429 David Whitney Bldg., Detroit, Mich.

Fear, Raymond Durstan—A. B. Hamil-A. M., Hamilton 1913.—R. H. —.; 1917-18.—Asst. Surg. U. S. N. F. U. S. Naval Hosp., N. Y.

Fowle, Hubert William—A. B. Williams 1910; Interne, City. Hosp. Bayview 1917-18.

Frishman, Morris — S. B. Pittsburgh 1913.—Interne, West Poenn. Hosp. Pittsburgh; 1st Lieut. M. C.

Gailey, Herman Anderson—A. B. St. John's 1913.—1st Lt. M. C., A. E. F., France.

Gamble, Thomas Owen—S. B. Alabama 1912.—R. H. O.

Gay, Leslie Newton—Ph. B. Lafayette 1913.—Interne, Mass. Gen'l. Hosp. Boston; 1st Lieut. M. C., Camp Gordon, Ga.

Groover, Gordan Lewis, Jr.—A. B. Washington and Lee 1912; Grad. Student, J. H. U. 1912-13.—Interne, City Hosp. Bayview; 1st Lieut. M. C., A. E. F., France.

Guy, Ruth Alline—A. B. Barnard 1912. Asst. in Bact. and Asst. Res. Path. 1917-18.

Hardy, George Edward Webb, Jr.—A. B. 1913; R. H. O.; Capt. M. C., Rock Inst. N. Y.

Hartman, Frank Wilbur—A. B. Knox 1913.—Asst. Surg. U. S. Navy Naval Med. Sch., Washington, D. C.

Hoffman, Robert Val.—A. B. St. John's 1913.—Interne, Henry Ford Hosp. Detroit, Mich; 1st Lieut. M. C., Genl. Hosp. No. 6, Ft. McPherson, Ga.

Hohman, Leslie Benjamin—A. B. Missouri 1912; Grad. Student, Chicago 1913; R. H. O. 1917-18; 1st Lieut. M. C.

Howard, Sarah Ernestine—A. B. Wellesley 1911; R. H. O. 1917-18.—Asst. Res. and Asst. in Med.

Jackson, Waddie Pennington—A. B. Randolph-Macon 1910; Summer School, Columbia, 1912.—Asst. Surg. U. S. Navy, Washington, D. C.

Jacobs, Louis Llewellyn—A. B. 1913.—Interne, Hebrew Hosp. Baltimore; 1st Lieut. M. C., Camp Custer, Mich.

Janney, John Hall, Jr.—S. B. Earlham 1913; Interne, Peter Bent Brigham Hosp. Boston 1917-18.—Capt. M. C., A. E. F., France.

Johnson, Robert Wilkinson, Jr.—A. B. Princeton 1912; 1st Lieut. M. C., Oxford, Eng.

Ketzky, Joseph W.—S. B. Alabama Polytechnic 1912.—Externe in Medicine; 1st Lieut. M. C. Amer. Red Cross, France.

King, Merle William—A. B. Allegheny 1908; Summer School. Cornell 1911. and J. H. U. 1913-14.—Asst. Res. Surg. Hosp. for Women of Maryland.

Koch, John Christian—S. B. Georgia 1904; Interne, Garrett Hosp. Mt. Airy 1917-18.—Interne, Ford Hosp, Detroit.

Kolls, Alfred C.—S. B. Wisconsin 1914, and M. S. 1915. and Med. Student 1911-14.—Asst. in Pharmacology; Capt. M. C., Washington, D. C.

Linden, Harry.—A. B. 1912.—Interne, St. Agnes Hosp. Baltimore.

Linthicum, Frederick Hamilton—A. B. Loyola 1912; Grad. Student, J. H. U. 1912-13; R. H. O. 1917-18.—Asst. in Laryn.; 1st Lieut. M. C.

Luckett, Coen L.—A. B. Illinois 1914, and Med. Dept. 1912-14.—Interne, U. P. I. 1917-18; 1st Lieut. M. C.

McCartney, James Shearer, Jr.—A. B. Washington and Jefferson 1913.—Interne, St. Francis Hosp. Pittsburgh; 1st Lieut. M. C.

McGauley, Frederick Francis—S. B. Union 1912; Path. Dept. Mayo Clinic, Rochester, Minn., 1917.—House Officer J. H. H. 1917-18.—1st Lieut. M. C.

McMeen. Claude Vincent—Ph. B. and A M. Dickinson 1913-17; R. O. H.; 1st Lieut. M. C., A. E. F., France.

McNeal, Morley Daniel — A. B. Iowa 1913.—R. H. O.; 1st Lieut. M. C.

Mann, Hubert Melville—A. B. Union 1917-18; Interne, Mt. Sinai Hosp. N. Y., 1917-18.—1st Lieut. M. C., Camp Grant, Ill.

Marshall, Eli Kennerly, Jr. — S. B. Charleston 1908; Ph. D. 1911.—Assoc. Prof. of Pharm.; Capt. M. C., Amer. U. Exp. Sta., Washington, D. C.

Martzloff, Karl Henry—A. B. Oregon 1913; Interne, Lakeside Hosp. Cleveland, 1917-18.—Asst. in Path.; 1st Lt. M. C., A. E. F., France.

Merritt, Katharine Krom—A. B. Vassar 1908; Interne, Bellevue Hosp. N. Y. 1917-18.—Interne, Children's Hosp. St. Louis.

Micklethwaite, Gilbert Richard.—S. B. Ohio 1913.—Interne, Union Protestant Infirm. Baltimore; 1st Lieut. M. C., Camp Greenleaf, Ga.

Miller, Frederick A.—A. B. St. John's 1912; Interne, New Haven Hosp. Conn. 1917-18.—Field Dir. Rock. Fdn.

Moise, Theodore Sidney, Jr.—A. B. Georgia 1911.—R. H. O.; 1st Lieut. M. C., Fort Oglethorpe, Ga.

Nicholson, Hubert Maurice—S. B. Oklahoma 1912.—Interne, Royal Victoria Hosp. Montreal, Can.

Novak, Edward—A. B. 1913.—R. H. O. 1st. Lieut. M. C., Fort Oglethorpe, Ga.

Payne, Louis Ernest, Jr.—A. B. St. John's 1912.—Interne, U. S. Soldiers' Home, Washington, D. C.

Pulford, De Los Schuyler, Jr.—S. B. Trinity (Conn.) 1912.—Interne, Henry Ford Hosp. Detroit, Mich.

Reber, Ralph Louis—Ph. B. Franklin and Marshall 1913.—Interne, Church Home and Infirmary.

Rice, John L.—S. B. Wesleyan (Conn.) 1912.—Interne, Public Health Board (Rockefeller Fndn.), San Jose, C. R.

Riggin, Irl Cephas—A. B. Western Maryland 1913.—Interne, U. S. Soldiers' Home Hosp., Washington, D. C.; 1st Lieut. M. C. Army Med. Sch., Washington, D. C.

Sanger, Bertram Julian—A. B. Texas 1913; R.H.O. 1917-18.—1st Lieut. M.C.

Schultz, Edwin William—S. B. Winona 1913; A. B. Michigan 1914, and Med. Dept. 1913-14.—Pathol. U. of Md. Hosp. Unit; Capt. M. C. Base Hosp No. 42, A. E. F., France.

Sharp, Robert G.—S. C. M. S. and Ph. D. California 1911, 1913 and 1914, and Med. Student 1911-14; Utah 1914-15.—Res. Phys. Boston Free Disp. Boston.

Shearer, Joseph Pardoe—S. B. Bucknell 1913.—1st Lt. M. C., Camp Greenleaf, Ga.

Sherrill, James Winn—A. B. Baylor 1913; Interne, U. S. Gov. Hosp. Ancon C. Z. 1917-18; 1st Lieut. M. C., Army Med. Sch., Washington, D. C.

Shipton, George Mardsen—A. B. Williams 1913.—Res. Surg. Roosevelt Hosp. N. Y.; 1st Lieut. M. C. (inactive).

Shulman, David Nathaniel—A. B. 1913.—Pathol. Montefiore Hosp. N. Y. City.

Smith, Eben Elliott—S. B. Moore's Hill 1913.—Asst. Surg. U. S. Navy, Whiddy Island, Ireland.

Sosman, Merrill Clary—A. B. Wisconsin 1913.—Interne, U. S. Soldiers' Home Hosp., Washington, D. C.; 1st Lieut. M. C. Army Med. Sch., Washington, D. C.

Staehle, Richard Henry—S. B. Princeton 1913.—Interne, Newark City Hosp. N. J.; 1st Lieut. M. C., A. E. F., France.

Stafford, Frank William John—A. B. Michigan 1914, and Med. Student 1913-15.—Physician, Smith Bldg., Detroit, Mich.; 1st Lieut. M. C. (inactive).

Stewart, Robert Bond—A. B., A. M. and B. Sc. Toronto 1905, 1906 and 1909.—Interne, Presbyterian Hosp. Phila.

Stifel, John Louis—A. B. Harvard 1913.—Physician, 125 Dithridge St., Pittsburgh, Pa.; 1st Lieut. M. C., Lakewood, N. J.

Sturgis, Cyrus Cressy—S. B. Washington 1913.—Interne, Peter Bent Brigham Hosp. Boston.

Summers, William Shakespeare—A. B., S. B., and A. M. Missouri 1914 and 1915, and Med. Student 1912-14.—Detroit Clin. Lab. Mich.

Tibbetts, Mark Hopkins—S. B. Parsons 1912; R. H. O. 1917-18.—Asst. Res. Surg.; 1st Lieut. M. C.

Tillett, William Smith—A. B. North Carolina 1913.—Interne, City Hosp. Bayview; 1st Lieut. M. C., A. E. F., France.

Tischler, Max—Ph. B. Lafayette 1913.—Interne, Genl Hosp., Wilkes-Barre, Pa.; 1st Lt. M. C., Camp Greenleaf, Ga.

* **Twigg, Nial Franklin**—A. B. St. John's 1913.—1st Lieut. M. C., Camp Forest, Ga. (**Died October* 10, 1918.)

Tyler, Margaret—A. B. Mt. Holyoke 1913; R. H. O. 1917-18.—Asst. Res. New Haven Hosp. Conn.

Van Nostrand, Hobart Sanford—S. B. Colgate 1913.—R. H. O.

Wason, Isabel Mary—A. B. Western College for Women 1911.—Interne, N. Y. State Hosp. for X-Ray, Brooklyn, N. Y.

Webb, Robert Alexander, Jr.—A. B. Southwestern Presbyterian 1910; Grad. Student, J. H. U. 1910-13.—1st Lieut. M. C., Etaples, France.

White, John Bonar—A. B. Davidson 1910; Interne, N. Y. Post-Grad. Hosp. N. Y. 1917-18.—Interne, U. S. Sold. Home Hosp. Washington, D. D.; 1st Lieut. M. C. Army Med. Sch., Washington, D. C.

Wilkinson, George Richard—S. B. Davidson 1912.—Interne, Hosp. for Women of Maryland, Baltimore; 1st Lieut. M. C., Camp Jackson, S. C.

Worthington, Frank Dallam—A. B. Princeton 1913.—Interne, Union Protestant Infirm, Baltimore; 1st Lieut. M. C., Fort Oglethorpe, Ga.

Wright, Mary—A. B. Vassar 1911.—Interne, Peter Bent Brigham Hosp. Boston.

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1918

Arnold, Clement Harrisse—A. B. Stanford 1910; Med. Stu. 1914-16; Asst. Vis. Phys. County and Polyclin. Hosps. San Francisco.

Baylor, John Ward—A. B. Wash'g and Lee 1914.—R. H. O.

Blair, Harry Edwin—A. B. West. Md. 1914.—R. H. O.

Bollinger, Herman John—S. B. Heidelberg (Ohio) 1914—Externe and Asst. in Bacteriol.; 1st Lieut. M. C. Neuro-Surg. Lab. J. H. M. S.

Bowden, David Thomas, Jr.—A. B. 1914.—1st Lieut. M. C., A. E. F., France.

Brewster, Albert Howell—A. B. Virginia 1914.—1st Lieut. M. C., A. E. F., France.

Cathrall, Friedman Holmes—S. B. Bucknell 1914.—R. H. O.

Coblentz, Richard Gilmore—A. B. 1914.—1st Lieut. M. C., A. E. F., France.

Conroy, Frank Davies—A. B. North Carolina 1914.—1st Lieut. M. C., A. E. F., France.

Craddock, Alva Brown—S B. and M. S. Howard 1908 and 1909.—Asst. Phys. San. Mt. McGregor, N. Y.

Day, Edgar Mortimer—A. B. Princeton 1914.—1st Lieut. M. C., A. E. F., France.

Dorsey, John Lanahan—A. B. 1914.—1st Lieut. B. E. F., France.

Douglas, Beverly—L. B. Princeton 1914; Med. Dept. Vanderbilt 1914-16.—R. H. O.

Dunham, Ethel Collins—A. B. Bryn Mawr 1914.—R. H. O.

Eliot, Martha May—A. B. Radcliffe 1913. House Officer, Peter Bent Brigham Hosp. Boston.

Elmendorf, John Edward, Jr.—A. B. Rutgers 1914.—R. H. O.

Foley, Frederic Eugene Basil—Ph. B. Yale 1913.—Externe and Asst. in Pathol.

Fuller, Lawrence Stokes—S. B. South Carolina 1914.—1st Lieut. M. C.

Gager, Leslie Tracy—A. B. Yale 1914.—1st Lieut. M. C., A. E. F., France.

Germann, Hildegarde Catharine—A. B. Vassar 1915.—R. H. O.

Getz, Lawrence—A. B. 1914.—1st Lieut. M. C., A. E. F., France.

Ghormley, Ralph Kalb—S. B. Whitworth 1914.—1st Lieut. M. C., A. E. F., France.

Goldsberry, Blaine Randolph—S B. Ohio 1914.—Asst. Surg. U. S. N.

Green, John Summerfield, Jr.—S. B. Lafayette 1914.—Asst. Surg. U. S. N.

Griffith, Harry Le Verne—A. B. Ohio 1914.—R. H. O.

Harwood, Garland Melvin—A. B. Richmond 1914.—1st Lieut. M. C., A. E. F., France.

Herman, Nathan Bernard—A. B. 1914.—R. H. O.

Hillman, Rolfe Louis—A. B. Emory and Henry, 1914.—R. H. O.

Holman, Emile Frederic—A. B. Stanford 1911; Oxford 1916; Med. Student, Oxford 1914-17; Royal Coll. Surg. Edin.; Rotunda Hosp. Dublin; Nat. Hosp. Lond.—Asst. in Surgery.

Houseal, Robert Wright—A. B. Newberry 1911; A. M. Virginia 1913.—R. H. O.

Huck, John Gardner—A. B. 1913.—1st Lieut. M. C., Ft. Oglethorpe, Ga.

Hughson, Walter—S. B. Princeton 1914.—Interne, U. P. I.

Huiskamp, John Edabduel—A. B. Harvard 1898.—1st Lieut. M. C., A. E. F., France.

Johnson, S Lloyd—A. B. Goshen 1914.—Asst. Surg. U. S. N., Naval Med. Sch., Washington, D. C.

Jordan, Carl Fred—A. B. Iowa 1914.—R. H. O.

Key, John Albert—S. B. Ala. Poly. 1913.—1st Lieut. M. C., A. E. F., France.

Keyser, Linwood Dickens—A. B. Virginia 1914.—R. H. O.

Kite, Joseph Hiram—A. B. Randolph-Macon 1914—R. H. O.

Klecan, Janina Constance—Gymn. Lemberg 1903; Med. Stu. Lemberg, Cracow and Vienna 1904-12.—Interne, City Hosp. Bay View.

Koontz, Amos Ralph—A. B. and S. B. William and Mary 1910 and A. M. 1911.—1st Lieut. M. C., A. E. F., France.

Krumrein, Louis Frederick—A. B. Geo. Washington 1914.—Interne, State San. Md.

Lane, Clifford M.—A. B. Washington and Jefferson 1913.—1st Lieut. M. C., A. E. F., France.

Lentz, Carlisle Sanford.—A. B. Creighton 1914.—1st Lieut. M. C., Camp Pike, Ark.

Levy, Charles Sumner—A. B. 1914.—R. H. O.

Lincoln, Jennings, Sipe—A. B. Elon 1911. 1st Lieut. M. C., A. E. F., France.

***Linton, Edwin Scott**—A. B. Washington and Jefferson 1913.—(*Died in France, Nov.* 14, 1917.)

McCown, Albert Smith—A. B. Washington and Lee 1910.—1st Lieut. M. C., A. E. F., France.

McFee, William Frank—A B. Tennessee 1914.—1st Lieut. M. C., A. E. F., France.

Martindale, Joseph Watson, Jr.—Ph. B. Yale 1913.—1st Lieut. M. C., A. E F., France.

Mateer, John Gaston—A. B. Wooster 1911.—R. H. O.

Mayer, William Frederick—A. B. Princeton 1914.—1st Lieut. M. C., A. E. F., France.

Meekins, Gilbert Edison—A. B. Washington 1913.—1st Lieut. M. C., A. E. F., France.

Menagh, Frank Robert—A. B. Iowa 1914.—Interne, Henry Ford Hosp. Detroit; 1st Lt. M. C.

Michael, Edith S.—A. B. Lyceum Fliegelmann, Vienna 1911.—R. H. O.

Montgomery, John Chalmers—A. B. Michigan 1914 and A. M. 1915.—R. H. O.

Morgan, Hugh Jackson—S. B. Vanderbilt 1915; Med. Student, *ibid.* 1914-15.—1st Lieut. M. C., A. E. F., France.

Nachlas, Israel William—A. B. 1914.—R. H. O.

Noble, William Dove—A. B. St. John's 1914.—1st Lieut. M. C., A. E. F., France.

Oppenheimer, Ella—A. B. Bryn Mawr 1914.—Interne, Peter Bent Brigham Hosp., Boston.

Pardee, Katharine—A. B. Wellesley 1912. R. H. O.

Penfield, Wilder Graves—L. B. Princeton 1913; Med. Student, Harvard, Columbia, Oxford, London and Royal Coll. Surg. Edin. 1914-16.—Interne, Peter Bent Brigham Hosp. Boston.

Phythyon, Daniel—S. B. Westminster 1914.—R. H. O.

Porter, Clarence Chipley—A. B. 1914.—1st Lieut M. C., A. E. F., France.

Rankin, John Paul—A. B. Ohio Wesleyan 1914.—1st Lieut. M. C., A. E. F., France.

Ranson, Clarence Albert—S. B. Fargo 1914.—R. H. O.

***Rich, Lyle Barnes**—A. B. North Dakota 1914.—(*Died in France Dec.* 8. 1917.)

Richter, Ina May—A. B. Bryn Mawr 1908.—R. H. O.

Rosen, Robert—S. B. Mich. Agricult. 1913.—R. H. O.

Rushing, Emmett Orren—A. B. Texas 1913.—Interne, Babies Hosp., New York.

Sachs, Louis—A. B. 1914.—R. H. O.

Scott, William Justus Merle — A. B. Oberlin 1914.—Interne, Henry Ford Hosp. Detroit; 1st Lieut. M. C. Evac. Hosp. 33.

Shirley, Harold Clinkscales—S. B. Mil. Coll. S. C. 1913; A. M., S. C. 1914.—R. H. O.

Smith, Woodruff—A. B. Williams 1914.—1st Lieut. M. C., A. E. F., France.

Southworth, John Deane—A. B. Kenyon 1911.—1st Lieut. M. C., A. E. F., France.

Spalding, Edward D.—S. B. Princeton 1914.—1st Lieut. M. C., A. E. F., France.

Stewart, Horace Gentry—S. B. Mass. Inst. Tech. 1914.—R. H. O.

Stone, Phebe—A. B. Goucher 1914—Interne, Worcester Mem. Hosp. Mass.

Swarts, Ralph Easterday—A. B., Kansas 1914.—1st Lieut. M. C., A. E. F., France.

Tannenbaum, Karl Hart—A. B. Wabash 1914.—Interne, Church Home and Infirmary.

Verplanck, Van Noyes—A. B. Yale 1914.—1st Lieut. M. C., A. E. F., France.

Wadsworth, Harvey Bryan—A. B. North Carolina 1909; Med. Student, 1914-16.—R. H. O.

Wagner, Charles Edward—Ph. B. Dickinson 1914.—1st Lieut. M. C., A. E. F., France.

Ward, James Alto—A. B. Howard 1914.—R. H. O.

Wilkins, Lawson — A. B. 1914.— 1st Lieut. M. C., A. E. F., France.

Witzeman, Louis Alexander—A. B. Harvard 1913.—Res. Phys. St. Agnes Hosp.

Woolley, Le Grand—A. B. Utah 1911; Med. Student, California 1914-16.—R. H. O.

Yager, Rodes Estill—S. B. Georgetown 1913.—Interne, Soldiers' Home Hospital, Washington, D. C.

Hobbs, Royal Lee—A. B. St. Johns 1914.—Interne, Church Home and Infirmary. (*Degree granted October* 1, 1918.)

Stump, Elmer Raymond—A. B., Georgia. 1912.—Interne, Brady Clinic. (*Degree granted October* 1, 1918.)

Places of Residence of the Graduates in Medicine of the Johns Hopkins University

Alabama:

Albany, ... 1
W. S. Wyatt, '09.

Birmingham, ... 11
R. T. Comer, '01.
K. W. Constantine, '05.
M. Y. Dabney, '12.
S. L. Ledbetter, Jr., '10.
F. A. Lupton, '99.
E. M. Mason, '06.
J. Meyer, '14.
C. H. Moore, '13.
H. P. Shugerman, '08.
W. L. Thornton, '10.
L. H. Watkins, '09.

Clayton, ... 1
N. L. Winn, '06.

Gadsden, ... 1
H. W. Bass, '06.

Mobile, ... 2
H. P. Cole, '06.
G. J. Winthrop, '06.

Montgomery, ... 1
W. W. Dinsmore, '07.

Selma, ... 3
D. H. Doherty, '15.
M. A. Maas, '11.
P. B. Moss, '09.

Alaska:

Ellamar, ... 1
E. C. Gross, '11.

Arizona:

Phoenix, ... 2
F. H. Redewill, '06.
M. B. Walker (Williams), '01.

Tucson, ... 1
J. I. Butler, '01.

Arkansas:

Camp Pike, ... 1
C. S. Lentz, '18.

Hot Springs, ... 1
J. H. Chestnutt, '$7.

Little Rock, ... 1
J. L. Scarborough, '08.

California:

Berkeley, ... 8
G. W. Corner, '13.
H. M. Evans, '08
E. P. Gay, '01.
G. Y. Rusk, '00.
K. J. Scott, '15.
H. S. Thomson, '09.
H. S. Whisman, '15.
C. L. Williams, '02.

Big Sur, ... 1
J. de Angulo, '11.

Livermore, ... 1
R. J. Cary, '12.

Los Angeles, ... 16
F. C. Ainley, '06.
W. V. Brem, Jr., '04.
C. Burnside, '07.
A. B. Cecil, '09.
J. L. Choate, '10.
E. L. Crispin, '06.
R. L. Cunningham, '07.
E. C. Fishbaugh, '13.
H. M. Gallagher, '11.
R. W. Hammack, '11.
R. F. Hastreiter, '01.
C. W. Rand, '12.
F. S. Ray, '08.
L. E. Ray, '08.
R. R. Rea, '06.
N. H. Williams, '13.

Oakland, ... 1
C. H. Horst, '02.

Palo Alto, ... 1
C. D. Mosher, '00.

Sacramento, ... 2
R. S. Briggs, '16.
F. F. Gundrum, '08.

San Diego, ... 1
R. S. Carter, '10.

San Francisco, ... 33

H. W. Allen, '00.
V. B. Appleton, '06.
C. H. Arnold, '18.
E. I. Bartlett, '12.
E. E. Brownell, '99.
H. H. Dignan, '13.
R. L. Fielder, '16.
A. L. Fisher, '00.
L. Gerdine, '13.
S. L. Haas, '08.
H. Harris, '99.
G. W. Hartman, '07.
A. W. Hewlett, '00.
F. Hinman, '06.
S. H. Hurwitz, '12.
S. Hyman, '02.
R. A. Kocher, '12.
H. Lisser, '11.
A. G. Lyle, '02.
F. W. Lynch, '99.
J. C. Neel, '10.
R. Patek, '06.
E. Rosencrantz, '04.
A. G. Schnack, '15.
M. Silverberg, '02.
H. A. Stephenson, '10.
J. Van Denburgh, '02.
E. M. Watters, '13.
J. Webb, '14.
G. H. Whipple, '05.
H. I. Wiel, '05.
F. T. Williams, '12.
J. M. Wolfsohn, '11.

San Gabriel, ... 1

C. L. Magee, '99.

Stanford University, ... 5

C. F. de Angulo, '11.
P. K. Gilman '05.
H. L. Langnecker, '06.
W. H. Manwaring, '04.
A. W. Meyer, '05.

Colorado:

Colorado Springs, ... 6

G. B. Gilbert, '07.
F. M. Houck, '15.
C. W. Mills, '08.
S. W. Schaefer, '09.
J. R. Stewart, '09.
W. W. Williams, '99.

Denver, ... 2

C. B. Ingraham, Jr., '06.
M. Long, '03.

Connecticut:

Bridgeport, ... 3

J. J. Carden, Jr., '16.
F. P. Carroll, '14.

Fort Lyon, ... 1

C. L. Warner, '15.

Hartford, ... 21

H. M. Andrew, '15.
J. L. Birdsong, '09.
E. B. Carter, '11.
H. N. Costello, '10.
G. W. Cox, '11.
C. D. Deming, '10.
E. A. Deming, '08.
W. Dwyer, '13.
A. H. Griswold, '06.
T. N. Hepburn, '05.
F. K. Herpel, '16.
J. E. Hutchinson, '14
H. G. Jarvis, '10.
H. A. Martelle. '05.
J. R. Miller, '11.
H. C. Russ, '06.
W. R. Steiner, '98.
D. W. Tracy, '08.
R. L. Waite, '09.
D. B. Wells, '12.
E. A. Wells, '01.

Litchfield, ... 1

C. H. Turkington, '07.

Middletown, ... 1

H. Rinde, '08.

Montowese, ... 1

R. W. Nichols, '12.

Naugatuck, ... 1

A. B. Dayton, '15.

New Haven, ... 14

H. G. Barbour, '10.
H. C. Bean, '16.
J. W. Churchman, '02.
H. P. Davidson, '17.
J. M. Flint, '00.
D. M. Lewis, '01.
W. C. McKee, '13.
W. H. Morriss, '12.
A. H. Morse, '06.
R. F. Rand, '00.
J. M. Slemons, '01.
H. M. Steele, '02.
M. Tyler, '17.
M. C. Winternitz, '07.

Stepney, ... 1

G. A. Smith, '07.

Thompsonville, ... 1

T. E. Vail, '11.

Terryville, ... 1

H. B. Woodward, '12.

Waterbury, ... 1

W. H. Licht, '11.

West Haven, ... 1

R. D. Clarke, '08.

Delaware:

Laurel, ... 1

J. R. Elliott, '09.

Wilmington, ... 2

W. E. Bird, Jr., '11.
J. H. Mullin, '16.

District of Columbia:

Washington, ... 54

J. A. Bass, '09.
K. B. Bogle (Karpeles), '14.
J. B. Briggs, '02.
B. Carroll (Marshall), '17.
H. D. Clarke (Kempf), '13.
R. DeB. Clarke, '08.
J. Dunlop, '02.
W. G. Erving, '02.
W. P. Finney, Jr., '16.
H. A. Fowler, '01.
E. R. Gentry, '09.
F. W. Hartman, '17.
H. H. Hazen, '06.
E. S. Hendry, '11.
W. B. Hetfield, '11.
C. W. Hooper, '14.
E. E. Hume, '13.
W. P. Jackson, '17.
S. L. Johnson, '18.
L. Tayler-Jones, '03.
H. M. Kaufman, '01.
A. H. Kimball, '02.
A. C. Kolls, '17.
W. E. H. Kretchting, '06.
L. C. Lehr, '02.
J. W. Lindsay, '08.
E. Lootz (Erving), '02.
C. N. McBryde, '97.
L. K. McCafferty, '16.
E. K. Marshall, '17.
K. E. Miller, '12.
E. A. Miller, '12.
M. K. Miller, '16.
J. F. Mitchell, '97.
T. V. Moore, '15.
J. B. Murphy, '09.
H. S. Newcomer, '15.
H. P. Parker, '01.
L. E. Payne, Jr., '17.
D. M. Reed (Mendenhall), '00.
E. H. Reede, '02.
I. C. Riggin, '17.
A. Robinson, '14.
J. W. Sherrill, '17.
M. C. Sosman, '17.
W. W. Southard, '16.
W. F. M. Sowers, '00.
V. R. Turner, '15.
S. S. Watkins, '13.
T. Wheeler (Finney), '16.
J. B. White, '17.
S. A. White, '16.
G. B. Wislocki, '16.
R. E. Yager, '18.

Florida:

Jacksonville, ... 10

G. Day, '06.
J. E. Gammon, '12.
G. R. Holden, '01.
E. Jelks, '13.
E. M. L'Engle, '02.
E. L. Lowell (Stevens), '00.
W. S. Manning, '03.
J. H. Randolph, '04.
C. P. Rogers, '02.
I. C. Youmans, '09.

Lakeland, ... 1

R. Duffy, '02.

Pensacola, ... 1

H. Ginsberg, '10.

Zolfo, ... 1

J. R. Frow, '08.

Georgia:

Athens, ... 3

D. H. DuPree, '07.
J. A. Hunnicutt, '11.
H. I. Reynolds, '12.

Atlanta, ... 13

M. L. Boyd, '07.
C. E. Dowman, Jr., '05.
W. M. Dunn, '11.
L. M. Gaines, '03.
C. C. Hinton, '13.
R. G. McAliley, '11.
F. W. McRae, Jr., '15.
J. E. Paulin, '04.
C. M. Remsen, '04.
C. A. Rhodes, '07.
W. F. Shallenberger, '07.
W. W. Young, '13.
E. B. Wood, '14.

Augusta, ... 4

J. Akerman, '00.
W. D. Cutter, '05.
W. C. Kellogg, '00.
R. L. Rhodes, '10.

Cahoun, ... 1

T. Starr, '12.

Camp Greenleaf, ... 1

C. D. Cowles, '05.

Camp Johnston, ... 2

I. K. Lovett, '16.
R. E. Stifel, 16.

Fort Oglethorpe, ... 5

H. Hanson, '08.
J. G. Huck, '18.
H. P. Makel, '15.
W. B. Martin, '16.
J. L. Robinson, '08.

Macon, ... 2
M. D. Council, '11.
W. R. Holmes, '13.

Savannah, ... 4
V. H. Bassett, '03.
W. R. Dancy, '00.
L. Howard, '13.
W. S. Wilson, '04.

Thomson, ... 1
B. F. Riley, '03.

Guam 1
H. R. McAllister, '12.

Hawaii:

Haiku, ... 1
W. D. Baldwin, '01.

Honolulu, ... 1
G. A. Batten, '14.

Idaho:

Nampa, ... 1
C. E. Watson, '10.

Illinois:

Chicago, ... 8
C. F. Bookwalter, '10.
L. L. Iseman, '06.
P. Kyes, '00.
M. J. Rubel, '01.
O. T. Schultz, '03.
P. M. Stetler, '13.
S. Strouse, '06.
M. H. Swan, '15.

Evanston, ... 4
H. F. Helmholtz, '06.
G. R. Henry (Dick), '07.
P. O. Owsley, '99.
W. B. McClure, '12.

Galesburg, ... 1
R. J. Erickson, '16.

Great Lakes, ... 2
C. C. Brown, '12.
R. R. Spencer, '13.

Havana, ... 1
C. H. Stubenrauch, '07.

Jacksonville, ... 1
E. G. Dewey, '03.

Kankakee, ... 1
C. Ricksher, '05.

Mattoon, ... 1
W. G. Wallace, '09.

Monmouth, ... 1
J. L. Sherrick, '14.

Peoria, ... 1
J. H. Bacon, '04.

Urbana, ... 1
J. H. Beard, '12.

Indiana:

Anderson, ... 1
T. M. Jones, '02.

Evansville, ... 2
H. J. Burkholder, '16.
H. W. Little, '00.

Fort Wayne, ... 3
B. A. Barlow, '16.
B. M. Edlavitch, '10.
H. M. Senseny, '10.

Indianapolis, ... 6
H. L. Conner, '10.
C. P. Emerson, '99.
W. D. Gatch, '07.
E. B. Mumford, '05.
A. L. Walters, '12.
J. K. Worthington, '08.

Linton, ... 1
A. A. Thomas, '08.

Iowa:

Cedar Rapids, ... 1
J. Crawford, '09.

Cresco, ... 1
H. B. Gardner, '14.

Davenport, ... 2
G. Braunlich, '15.
J. T. Haller, '05.

Independence, ... 1
J. C. Shellito, '15.

Iowa City, ... 1
A. H. Beifeld, '07.

Mt. Vernon, ... 1
F. F. Ebersole, '06.

Kansas:

Arkansas City, ... 1
M. Hahn, '07.

Fort Riley, ... 1
H. G. Garwood, '04.

Independence, ... 1
R. Hopkins, '03.

Lawrence, ... 1
J. Sundwall, '12.

Leavenworth, ... 1
F. Schmitter, '04.

Rosedale, ... 1
R. H. Major, '10.

Kentucky:

Harrodsburg, ... 1
C. B. Van Arsdall, '02.

Lexington, ... 2
J. D. Hunt, '06.
W. D. Reddish, '13.

Louisville, ... 5
L. K. Baldauf, '05.
J. V. Bedinger, '11.
M. Flexner, '14.
E. O. Grant, '11.
H. H. Hagan, '13.

Shelbyville, ... 1
A. C. Weakley, '12.

Louisiana:

New Orleans, ... 1
C. C. Cody, '10.

Opelousas, ... 1
S. B. Wolff, '14.

Maine:

Augusta, ... 1
L. D. Bristol, '07.

Bangor, ... 2
L. Adams, '11.
B. Hunt, '11.

Foxcroft, ... 1
C. C. Hall, Jr., '10.

Portland, ... 2
W. B. Moulton, '03.
P. P. Thompson, '06.

Maryland:

Annapolis, ... 1
B. B. Browne, Jr., '02.

Baltimore, ...257
R. T. Abercrombie, '05.
W. T. Anderson, '17.
W. W. Anderson, 16.
C. R. Austrian, '09.
W. S. Baer, '98.
F. H. Baetjer, '01.
W. A. Baetjer, '09.
J. H. Baird, '17.
J. C. Baldwin, '15.
J. W. Baylor, '18.
S. Bayne-Jones, '14.
E. B. Beasley, '06.
M. Belt, '14.
J. M. Bergland, '04.
B. M. Bernheim, '05.
H. E. Blair, '18.
A. L. Bloomfield, '11.
T. R. Boggs, '01.
H. J. Bollinger, '18.
J. R. Bosley, '01.
L. Brady, '17.
J. R. B. Branch, '08.
E. W. Bridgman, '12.
W. L. Brosius, Jr., '17.
T. R. Brown, '97.
N. H. Brush, '14.
H. W. Buckler, '99.
H. H. Bullard, '16.
C. F. Burnam, '00.
J. E. Burns, Jr., '08.
C. M. Byrnes, '06.
C. L. Callander, '17.
D. W. Carter, Jr., '14.
D. B. Casler, '04.
F. H. Cathrall, '18.
H. L. Cecil, '13.
T. R. Chambers, '10.
J. A. Chatard, '03.
P. W. Christman, '16.
H. M. Clark, '17.
M. Clark (Clough), '14.
P. W. Clough, '07.
H. T. Collenberg, '10.
J. Collinson, '11.
J. A. C. Colston, '11
H. B. Conrad, '16.
E. V. Coolahan, '08.
E. S. Cross, '06.
S. J. Crowe, '08.
W. E. Dandy, '10.
D. M. Davis, '11.
E. G. Davis, '12.
J. S. Davis, '99.
S. A. Dodds, '05.
K. H. Doege, '17.
G. C. Dohme, '02.
H. B. Dornblaser, '14.
B. Douglass, '18.
W. C. Duffy, '14.
E. C. Dunham, '18.
G. R. Dunn, '14.
J. P. Eidson, '16.
D. F. Elmendorf, '15.
J. E. Elmendorf, '18.
F. A. Evans, '14.
R. E. Fairbank, '16.
R. Fayerweather, '03.
R. D. Fear, '17.
L. D. Felton, '16.
W. A. Fisher, '00.
F. E. B. Foley. '18.
R. H. Follis, '99.
W. W. Ford, '98.
H. W. Fowle, '17.

H. Fried, '11.
W. A. Frontz, '11.
R. G. Fuller, '16.
T. O. Gamble, '17.
J. T. Geraghty, '03.
H. C. Germann, '18.
H. C. F. Gill, '16.
W. C. von Glahn, '15.
E. Goetsch, '09.
H. S. Greenbaum, '04.
H. L. Griffith, '18.
G. L. Groover,
C. G. Guthrie, '07.
R. A. Guy, '17.
R. F. Hain, '14.
R. W. Hall, '12.
L. P. Hamburger, '97.
H. H. Hamman, '16.
L. V. Hamman, '01.
H. H. Hampton, '14.
M. I. Handy, '16.
C. M. Harmon, '16.
B. E. Harrell, '14.
J. W. Harris, '16.
G. A. Harrop, Jr., '16.
F. Hazlehurst, '07.
N. B. Herman, '18.
G. J. Heuer, '07.
R. L. Hillman, '18.
L. K. Hirshberg, '02.
R. L. Hobbs, '18.
M. A. Hodge, '14.
L. B. Hohman, '17.
E. F. Holman, '18.
J. B. Holmes, '12.
D. R. Hooker, '05.
R. W. Houseal, '18.
S. E. Howard, '17.
W. Hughson, '18.
J. M. Hundley, '16.
G. L. Hunner, '97.
A. F. Hutchins, '13.
E. H. Hutchins, '06.
S. V. Irwin, '15.
L. L. Jacobs, '17.
C. F. Jordan, '18.
C. C. W. Judd, '11.
A. Keidel, '03.
C. C. Kelly, '14.
L. W. Ketron, '11.
J. W. Ketzky, '17.
L. D. Keyser, '18.
J. H. Kite, '18.
J. H. King, '06.
J. T. King, Jr., '14.
M. W. King, '17.
J. C. Klecan, '18.
J. H. M. Knox, '98.
A. K. Krause, '07.
L. B. Lange, '11.
C. A. Laubach, '13.
S. P. Law (McGlannan), '07.
M. Lazenby, '03.
E. J. Leopold, '05.
C. S. Levy, '18.
R. L. Levy, '13.
W. H. Lewis, '00.
H. Linden, '17.
F. H. Linthicum, '17.
C. L. Luckett, '17.
J. A. Luetscher, '99.
W. G. MacCallum, '97.
F. F. McGauley, '17.
W. C. McKee, '13.
C. V. McMeen, '17.
M. D. McNeal, '17.
D. I. Macht, '06.
V. R. Mason, '15.
J. G. Mateer, '18.
R. W. B. Mayo, '08.
E. S. Michael, '18.
G. R. Micklethwaite, '17.
S. R. Miller, '10.
T. S. Moise, '17.
J. C. Montgomery,
J. E. Moore, '16.
J. G. Murray, Jr., '15.
H. H. Musser, '15.
J. W. Nachlas, '18.
W. Neill, Jr., '12.
G. C. Ney, '08.
F. K. Nichols, '10.
E. Novak, '17.
J. A. O'Donnell, '11.
O. B. Pancoast, '97.
K. Pardee, '18.
I. R. Pels, '06.
C. A. Penrose, '97.
E. L. Pessagno, '07.
D. Phythyon, '18.
M. C. Pincoffs, '12.
E. D. Plass, '11.
J. H. Pleasants, '99.
F. G. Porter, '08.
G. F. Powers, '13.
G. H. Preston, '15.
C. B. Pritchett, '16.
M. Putnam, '15.
C. A. Ransom, '18.
R. L. Reber, '17.
S. O. Reese, Jr., 16.
J. D. Reichert, '14.
I. M. Richter, '18.
H. W. Reid, '16.
F. O. W. Reinhard, '14.
L. Reynolds, '16.
M. R. Reid, '12.
E. L. Richards, '15.
E. H. Richardson, '05.
T. M. Rivers, '15.
R. Rosen, '18.
S. Rosenheim, '99.
G. W. Rosenthal, '15.
A. S. Rothholz, '15.
F. E. Roberts, '16.
F. R. Sabin, '00.
L. Sachs, '18.
E. P. Sandrock, '07.
B. J. Sanger, '17.
H. C. Schmeisser, '12.
E. W. Schultz, '17.
A. R. Scott, '13.
R. B. Seem, '06.
R. O. Sellman, '12.
H. N. Shaw, '13.
J. P. Shearer, '17.
H. C. Shirley, '18.
R. L. Silvester, '14.
W. K. Skilling, '11.
H. R. Slack, Jr., '12.
D. C. W. Smith 2d, '15.
W. H. Smith, '03.

L. C. Spencer, '11.
T. P. Sprunt, '09.
H. G. Stewart, '18.
H. B. Stone, '06.
D. C. Streett, '12.
E. R. Strobel, '99.
E. R. Stump, '18.
A. C. Sutton, '16.
T. L. Sutton, '16.
V. P. W. Sydenstricker, '15.
G. L. Taneyhill, Jr., '04.
K. H. Tannenbaum, '18.
B. Tappan, '15.
C. B. Thompson, '13.
M. H. Tibbetts '17.
W. S. Tillett, '17.
M. H. Todd, '13.
C. B. Towles, '05.
A. J. Underhill, '01.
H. S. Van Nostrand, '17.
C. W. Vest, '08.
H. B. Wadsworth, '18.
J. A. Ward, '18.
L. H. Weed, '12.
P. Wegeforth, '12.
G. H. White, Jr., '06.
L. R. Wharton, '15.
J. Scott Willock, '04.
G. R. Wilkinson, '17.
D. Williams, '02.
H. E. Wilson, '14.
L. A. Witzeman, '18.
S. Wolman, '06.
G. B. Wolff, '12.
G. H. Woltereck, '09.
L. Woolley, '18.
F. D. Worthington, '17.
H. M. N. Wynne, '14.
C. W. Young, '03.
I. Zadek, '14.
E. L. Zimmerman, '16.

Cumberland, ... 2
W. R. Frantz, '12.
J. H. Wilson, '08.

Hagerstown, ... 1
P. Wroth, '06.

Manchester, ... 1
W. R. S. Denner, '08.

Medford, ... 1
T. S. Englar, '14.

Princess Anne, ... 1
H. M. Lankford, '05.

Reisterstown, ... 1
J. Cohen, '12.

Salisbury, ... 1
A. M. Stevens, '11.

Sparrows Point, ... 1
C. G. Merriman, '11.

State Sanatorium, ... 2
V. F. Cullen, '06.
L. F. Krumrein, '18.

Massachusetts:

Arlington, ... 1
H. R. Webb, '06.

Baldwinsville, ... 1
E. M. Rockwood, '14.

Boston, ... 33
A. W. Allen, '13.
H. A. Christian, '00.
M. M. Eliot, '18.
L. N. Gay, '17.
E. W. Goodpasture, '12.
J. F. Grant, '03.
E. Hale (Swift), '05.
G. W. Hall, '01.
G. Horrax, '13.
H. T. Hutchins, '03.
C. Jacobson, '11.
J. H. Janney, Jr., '17.
E. R. Kelley, '06.
A. L. Kinne, '16.
H. F. Lena, '16.
H. W. Marshall, '04.
M. E. Morse, '03.
H. G. Myrick, '00.
E. Oppenheimer, '18.
W. G. Penfield, '18.
J. H. Pratt, '98.
S. Rushmore, '02.
A. W. Sellards, '09.
R. G. Sharp, '17.
W. R. Sisson, '12.
R. P. Strong, '97.
C. C. Sturgis, '17.
H. M. Thomas, Jr., '16.
F. H. Verhoeff, '99.
C. B. Walker, '11.
I. C. Walker, '09.
M. Wright, '17.

Cambridge, ... 1
M. F. Austin (Southard), '00

Fall River, ... 3
E. S. Chace (Herbert), '01.
M. W. Marvel, '00.
C. H. Watt, '12.

Greenfield, ... 1
W. K. Clarke, '08.

Marblehead, ... 1
J. H. Prouty, '11.

New Bedford, ... 1
G. Marsden, '06.

Palmer, ... 1
W. T. Parsons, '07.

Salem, ... 1
E. K. Burbeck, '07.

Waltham, ... 1
O. L. Dascombe, '05.

Worcester, ... 1
P. Stone, '18.

Weston, ... 1
A. M. Ballou (Eliot), '05.

Michigan:

Ann Arbor, ... 2
N. B. Foster, '02.
U. J. Wile, '07.

Benton Harbor, ... 1
W. P. Morrill, '08.

Detroit, ... 29
I. C. Barclay, '16.
G. B. Brown, Jr., '17.
J. R. Carr, '04.
J. M. Carter, '17.
G. L. Connor, '01.
H. P. Doub, '17.
R. E. Fallas, '15.
N. S. Ferry, '02.
L. N. Fleming, '14.
R. L. Haden, '15.
J. H. Hathaway, '01.
R. V. Hoffman, '17.
J. C. Koch, '17.
F. A. Martin, '14.
K. F. Maxcy, '15.
R. D. McClure, '08.
F. R. Menagh, '18.
D. R. Murchison, '16.
C. R. Meloy, '06.
J. K. Ormond, '14.
H. W. Plaggemeyer, '07.
J. P. Pratt, '10.
D. S. Pulford, '17.
B. R. Schenck, '98.
F. J. Sladen, '06.
F. J. Smith, '13.
F. W. J. Stafford, '17.
W. S. Summers, '17.
H. N. Torrey, '06.

Grand Rapids, ... 1
J. S. Brotherhood, '08.

Kalamazoo, ... 1
B. N. Epler, '99.

Saginaw, ... 1
R. O. Fuerbringer, '08.

Minnesota:

Duluth, ... 2
A. L. McDonald, '05.
J. A. Winter, '06.

Elysian, ... 1
R. T. Edwards, '04.

Fergus Falls, ... 1
K. J. Lee, '04.

Hibbing, ... 1
C. F. Carstens, '08.

Minneapolis, ... 17
J. K. Anderson, '17.
I. M. Blanchard, '17.
H. W. Cook, '02.
C. E. Connor, '14.
F. C. Davis, '99.
W. A. Fansler, '14.
F. Grave, '14.
W. E. Grempler, '16.
A. D. Hirschfelder, '03.
A. W. Morrison, '10.
M. P. Simis (Ulrich), '01.
H. M. Slater, '15.
T. B. Smith, '16.
C. N. Spratt, '01.
H. L. Ulrich, '01.
F. W. Wittich, '13.
C. B. Wright, '02.

Rochester, ... 7
M. B. Bonta, '04.
J. L. Butsch, '12.
W. M. Fricke (Davis), '12.
H. Z. Giffin, '04.
W. C. MacCarty, '04.
J. R. McVay, '15.
L. H. Redelings, '14.

St. Paul, ... 1
C. H. Pelton, '12.

Missouri:

Columbia, ... 2
E. R. Clark, '07.
D. H. Dolley, '02.

Kansas City, ... 7
J. Aull, '15.
C. H. Bryant, '08.
D. F. Cameron, '13.
W. W. Duke, '08.
T. G. Orr, '10.
E. H. Schorer, '06.
H. F. Vanorden, '10.

St. Joseph, ... 1
C. A. Potter, '11.

St. Louis, ... 31
F. M. Barnes, Jr., '07.
L. C. Bean, '15.
E. Boehm, '10.
B. Brooks, '11.
W. M. C. Bryan, '02.
L. H. Burlingham, '06.
M. T. Burrows, '09.
J. R. Caulk, '06.
A. M. Chesney, '12.

S. W. Clausen, '15.
J. V. Cooke, '08.
F. I. Darrow, '16.
G. S. Drake, '01.
J. Erlanger, '99.
A. O. Fisher, '09.
R. F. Fisher, '12.
M. A. Frankenthal, '02.
H. S. Gasser, '15.
G. Ives, '11.
P. C. Jeans, '09.
D. W. Luten, '11.
H. McCulloch, '12.
K. Merritt, '17.
W. H. Olmstead, '13.
E. L. Opie, '97.
L. T. Post, '13.
M. H. Post, Jr., '12.
G. C. Robinson, '03.
E. Sachs, '04.
J. C. Salter, '01.
H. J. Storrs, '04.

Montana:

Anaconda, ... 1
R. C. Hall, '14.

Butte, ... 2
A. Karsted, '02.
C. McGill, '14.

Great Falls, ... 1
W. S. Bole, '10.

Nebraska:

Hastings, ... 1
J. R. Blackman, '06.

Lincoln, ... 1
A. E. Johann, '10.

Omaha, ... 4
H. L. Connett, '09.
M. Emmert, '09.
M. Langfield, '98.
H. N. Stevenson 2d, '12.

New Hampshire:

Exeter, ... 1
R. S. Perkins, '11.

Portsmouth, ... 1
J. V. Reed, '04.

New Jersey:

Atlantic City, ... 2
C. L. Andrews, '12.
J. S. Fischer, '03.

Cape May, ... 1
R. Connor, '01.

Camp Dix, ... 1
H. D. Blombergh, '01.

East Orange, ... 4
C. T. Brown, '07.
R. Griffith, '15.
T. W. Harvey, '09.
E. N. Riggins, '02.

Franklin, ... 1
F. P. Wilbur, '06.

Hoboken, ... 1
E. B. Wix, '15.

Jersey City, ... 1
G. Peirce, '07.

Montclair, ... 1
J. A. Caldwell, '04.

Newark, ... 1
R. H. Staehle, '17.

Passaic, ... 2
M. Joseph, '15.
J. J. S. Schmidt, '14.

Somerville, ... 1
R. F. Hegeman, '10.

Upper Montclair, ... 1
E. Girdwood (Peirce), '09.

New Mexico:

Columbus, ... 1
T. Lamson, '01.

Silver City, ... 1
M. K. McLean, '15.

New York:

Albany, ... 9
J. M. Berry, '01.
W. B. Cornell, '03.
A. W. Elting, '98.
O. A. Faust, '15.
L. W. Gorham, '10.
C. F. Graham, '13.
J. S. Lawrence, '16.
J. A. Sampson, '99.
C. K. Winne, '01.

Auburn, ... 1
H. I. Davenport, '05.

Binghamton, ... 2
A. S. Chittenden, '00.
M. J. Ross, '07.

Boonville, ... 1
F. H. Church, '06.

Brooklyn, ... 17
W. S. Bennett, '11.
J. B. Boehm, '14.
G. E. Brockway, '11.
H. M. Bullard, '17.

S. G. Clark, '16.
J. T. Flanagan, '08.
W. M. Gober, '15.
I. P. Heymann, '13.
R. Ingraham, '14.
L. A. Lynch, '03.
W. H. Maddren, '01.
J. F. Morrison, '04.
A. Rucker, '11.
C. E. Rynd, '11.
P. B. Sarason, '12.
I. M. Wason, '17.
B. E. Wolfort, '06.

Buffalo, ... 11

H. Adsit, '06.
A. H. Clark, '03.
W. H. Glenny, '02.
F. C. Goldsborough, '03.
C. C. Kelly, '14.
J. S. Lewis, '06.
I. P. Lyon, '97.
B. Mann, '09.
J. S. McFarland, '02.
W. L. Moss, '05.
E. M. Watson, '13.

Camp Upton, ... 1

C. H. Goddard, '15.

Clifton Springs, ... 2

S. T. Nicholson, '10.
C. W. Webb, '09.

Cortland, ... 1

R. P. Higgins, '05.

Ellis Island 1

C. Armstrong, '15.

Flushing (L. I.) 1

C. Meltzer (Auer), '00.

Fort Ontario, ... 1

J. R. Bosley, '01.

Glens Falls, ... 1

M. L. Haviland, '02.

Ithaca, ... 1

O. E. Utzinger, '14.

Liberty, ... 1

H. B. Neagle, '03.

Loomis, ... 1

J. B. Amberson, '17.

Long Island City, ... 1

S. A. Marshall, '02.

Mt. MacGregor, ... 1

A. B. Craddock, '18.

Mt. Vernon, ... 1

N. Mills, '12.

New Brighton, ... 1

C. R. Kingsley, '09.

New Rochelle, ... 1

O. H. Schell, '04.

New York, ... 93

F. E. Adair, '15.
E. M. Armstrong, '10.
D. W. Atchley, '15.
J. Auer, '02.
F. W. Bancroft, '06.
L. deK. Belden, '15.
P. Blanco, '16.
W. C. Blake, '17.
P. M. Bogart (Van Voast), '06.
W. H. Brown, '07.
R. M. Bruns, '02.
F. D. Bullock, '07.
E. F. Butler, '10.
H. W. Cave, '13.
F. Christopher, '15.
G. A. Clarke, '17.
R. I. Cole, '99.
R. J. Cook, '13.
R. S. Cunningham, '15.
B. J. Delatour, '15.
B. S. Denzer, '10.
T. A. Devan, '10.
A. R. Dochez, '07.
R. M. Dodson, '14.
A. G. Fechtig, '14.
F. L. Gates, '13.
H. L. Gray, '06.
F. H. Haessler, '16.
D. H. Hallock, '16.
G. E. W. Hardy, Jr., '17.
T. W. Hastings, '98.
W. H. Hawkins, '11.
W. P. Healy, '00.
V. O. Heddens, '15.
T. J. Heldt, '16.
R. W. Hellenbrand, '07.
E. S. Hellweg, '07.
J. Hemenway (Kenyon), '04
M. C. Hill, '08.
J. M. Hitzrot, '01.
R. C. Hood, '16.
J. G. Hopkins, '07.
A. Hubert, '11.
H. Jeidell, '12.
N. B. Jenison, '11.
W. F. Jones, '14.
W. M. Kraus, '13.
V. N. Leonard, '11.
G. U. Light, '98.
A. L. Lincoln, '16.
E. E. Lindemann, '08.
W. T. Longcope, '01.
W. G. Lough, '12.
O. S. Lowsley, '12.
J. T. MacCurdy, '11.
H. M. Mann, '17.
N. C. Marvel, '14.
D. R. Melen, '15.
F. A. Miller, '17.
L. D. Minsk, '13.
D. E. Monroe, '10.

R. A. Morison, '15.
J. J. Morton, Jr., '13.
A. P. Munn (Recht), '13.
L. Pearce, '12.
T. C. Peightal, '15.
S. I. Rainforth, '03.
G. K. Rhodes, '15.
M. Rohde, '12.
F. P. Rous, '05.
E. O. Rushing, '18.
H. Saltzstein, '14.
O. M. Schloss, '05.
G. M. Shipton, '17.
D. N. Shulman, '17.
J. F. Smith, '14.
M. B. Sponsler, '11.
A. R. Stevens, '03.
G. A. Stewart, '11.
E. Stillman, '11.
H. R. Stone, '04.
W. R. Stone, '99.
H. C. Thacher, '06.
W. H. Thalheimer, '08.
W. L. Thompson, '04.
J. C. Turner, Jr., '15.
E. E. Walker, '98.
G. W. Warren, '01.
M. Warren, '00.
R. C. Webb, '14.
B. F. Weems, '13.
I. K. Wiener, '11.

Ogdensburg, ... 1
R. L. Stacy, '08.

Olean, ... 1
R. B. Morris, '10.

Port Chester, ... 1
G. Sands, '98.

Poughkeepsie, ... 2
E. C. Hill, '07.
R. Sanderson, '10.

Rochester, ... 7
S. J. Appelbaum, '08.
J. R. Booth, '11.
W. A. Calihan, '10.
C. W. Hennington, '06.
C. L. Hincher, '07.
N. G. Orchard, '07.
H. S. Schumacher, '07.

Saranac Lake, ... 3
L. Brown, '00.
J. A. Sevier, '16.
F. B. Trudeau, '13.

Schenectady, ... 1
D. G. Smith, '16.

Syracuse, ... 6
O. H. Cobb, '06.
R. H. Dunning, '11.
A. Dutcher, '01.
C. D. Reid, Jr., '12.
N. P. Sears, '12.
H. S. Steensland, '99.

Troy, ... 2
H. W. Carey, '01.
H. P. Sawyer, '06.

Utica, ... 4
T. W. Clarke, '02.
J. W. W. Dimon, '09.
F. R. Ford, '05.
F. T. Owens, '07.

West Point, ... 1
D. M. Shewbrooks, '15.

White Plains, ... 2
M. L. Frazee, '14.
H. W. Smith (Brown), '11.

Yonkers, ... 4
E. F. Butler, '10.
D. M. Sawyer, '11.
R. B. Scofield, '07.
W. J. Vogeler, '04.

North Carolina:

Asheville, ... 3
R. E. Flack, '13.
F. W. Griffith, '06.
L. M. Griffith, '15.

Charlotte, ... 1
A. G. Brenizer, '08.

Durham, ... 1
M. T. Adkins, '07.

Greensboro, ... 2
W. F. Cole, '09.
H. H. Ogburn, '13.

Greenville, ... 1
M. T. Edgerton, Jr., '12.

Kinston, ... 1
J. S. Mitchener, '15.

New Bern, ... 1
R. N. Duffy, '06.

Raleigh, ... 2
A. B. Greenwood, '16.
C. A. Shore, '07.

Salisbury, ... 1
H. H. Newman, '13.

Wilmington, ... 1
R. B. Slocum, '05.

Winston-Salem, ... 4
E. P. Gray, '06.
R. M. Grimes, '10.
F. M. Hanes, '08.
A. deT. Valk, '10.

North Dakota:

Fargo, ... 2
K. E. Darrow, '13.
M. P. Rindlaub, '05.

Willow City, ... 1
H. L. Youtz, '05.

Ohio:

Bucyrus, ... 1
W. G. Carlisle, '13.

Canton, ... 1
C. A. LaMont, '08.

Cincinnati, ... 8
J. C. Donaldson, '14.
W. F. Jelke, '02.
E. F. Malone, '07.
M. E. Nast (Wherry), '06.
W. O. Pauli, '07.
P. Preble, '07.
T. H. Wenning, '10.
P. G. Woolley, '00.

Columbus Barracks, ... 1
G. D. Chunn, '13.

Cleveland, ... 24
H. S. Applebaum, '16.
C. A. Bowers, '12.
S. Brock, '16.
W. D. Fullerton, '11.
F. A. Glass, '12.
H. Hempstead, '05.
L. F. Huffman, '14.
T. L. Keyser, '11.
L. W. Ladd, '99.
D. Marine, '05.
K. H. Martzloff, '17.
H. W. Masenhimer, '08.
R. E. Mosiman, '14.
R. G. Perkins, '98.
M. L. Richardson, '13.
W. B. Rogers, '10.
R. J. Shale, '12.
L. B. Sherry, '14.
H. G. Sloan, '06.
J. T. Smith, '07.
C. W. Stone, '05.
A. Strauss, '12.
H. L. Taylor, '10.
H. R. Wahl, '12.

Columbus, ... 5
J. J. Coons, '02.
A. W. Freeman, '05.
J. W. Sheetz, '10.
F. C. Wagenhals, '13.
L. V. Zartman, '10.

Jefferson, ... 1
H. Dudley, '03.

Oxford, ... 1
H. M. Moore, '99.

Springfield, ... 1
C. L. Jones, '03.

Toledo, ... 3
L. F. Smead, '05.
C. G. Souder, '07.
A. L. Steinfeld, '01.

Youngstown, ... 1
H. C. Evans, '00.

Oklahoma:

Ardmore, ... 1
A. M. Bacon, '15.

Tulsa, ... 1
F. Y. Cronk, '07.

Oregon:

Ontario, ... 1
W. J. Weese, '11.

Portland, ... 9
T. H. Coffen, '06.
C. A. Downs, '14.
H. B. Fenton, '10.
W. H. Norton, '10.
J. F. Ortschild, '06.
A. S. Rosenfeld, '11.
J. W. Rosenfeld, '10.
L. Selling, '08.
O. B. Wight, '02.

Panama:

Panama City, ... 3
A. B. Herrick, '98.
E. S. Moore (McKinney), '01
C. M. Winn, '11.

Pennsylvania:

Archbald, ... 1
P. J. McDonnell, '08.

Bethlehem (South), ... 2
W. L. Estes, '09.
F. E. Shaffer, '14.

Bradford, ... 1
P. R. Straight (Robbins), '16.

Erie, ... 3
A. Pfitsch, Jr., '16.
B. S. Putts, '06.
T. P. Tredway, '10.

Greencastle, ... 1
T. H. Gilland, '11.

Hanover, ... 2
J. E. Meisenhelder, '02.
E. W. Stick, '09.

Harrisburg, ... 2
M. W. Emrick, '14.
R. F. L. Ridgway, '06.

Hershey, ... 1
J. L. Zimmerman, '13.

Johnstown. 1
D. P. Ray, '07.

Lebanon, ... 1
G. R. Pretz, '09.

Newville, ... 1
P. W. McLaughlin, '07.

Palmerton, ... 2

M. D. Bachelor, '15.
R. P. Bachelor, '15.

Philadelphia, ... 15

E. P. Bacon, '16.
W. H. Blakeslee, '01.
D. Child, '14.
J. H. Clarke, '15.
R. L. Engle, '10.
M. Herrinton, '06.
S. D. Ludlum, '02.
B. B. V. Lyon, '07.
D. B. Pfeiffer, '06.
A. Randall, '07.
R. B. Stewart '17.
J. K. Stoddard, '16.
A. W. Tallant, '02.
L. Tuttle, '07.
A. C. Woods, '14.

Pittsburgh, ... 25

M. H. Baker, '10.
T. Baker, '04.
L. C. Bixler, '03.
A. A. Bornscheuer, '13.
W. E. Carson, '07.
B. Z. Cashman, '09.
B. S. Chaffee, '12.
I. Davis, '14.
A. H. Eggers, '00.
C. W. W. Elkin, '13.
M. Frishman, '17.
S. J. Glass, Jr., '15.
C. C. Hartman, '11.
R. S. Major, '16.
J. S. McCartney, '17.
W. Marshall, '03.
R. T. Miller, '03.
W. T. Mitchell, Jr., '16.
J. S. Plumer, '14.
F. D. Reynolds, '16.
Alice Rohde, '10.
P. R. Sieber, '11.
R. R. Snowden, '11.
J. L. Stifel, '17.
E. R. Wiese, '11.

Pottsville, ... 1

M. B. Kingsbury, '06.

Reading, ... 1

C. R. Essick, '09.

Renova, ... 1

W. F. Derr, '15.

Royersford, ... 1

H. Graber, '07.

Washington, ... 1

W. E. Hart, '09.

Wilkes-Barre, ... 2

M. Tischler, '17.
S. D. Wyckoff, '99.

Wilkinsburg, ... 1

J. H. Whitcraft, '10.

York, ... 3

C. H. May, '08.
E. W. Meisenhelder, '02.
L. S. Weaver, '04.

Rhode Island:

Centredale, ... 1

M. S. Packard, '97.

Providence, ... 9

H. D. Clough, '15.
F. A. Coughlin, '08.
W. W. Cummings, '16.
M. S. Danforth, '05.
F. T. Fulton, '99.
H. J. Hoye, '99.
J. A. McCann, '08.
J. H. Oppenheimer, '08.
E. A. Stone, '00.

South Carolina:

Columbia, ... 3

E. Cooper, '10.
J. H. Gibbes, '12.
H. M. Smith, '01.

Greenville, ... 1

G. T. Tyler, Jr., '04.

Paris Island, ... 1

H. L. Kelley, '07.

Rock Hill, ... 1

R. H. Crawford, '14.

Sumter, ... 1

M. Weinberg, '10.

South Dakota:

Pierre, ... 1

T. F. Riggs, '03.

Watertown, ... 1

E. DeW. Simpson, '12.

Yankton, ... 1

J. A. Wood, '12.

Tennessee:

Chattanooga, ... 1

H. Q. Fletcher, '09.

Knoxville, ... 1

W. T. de Sautelle, '11.

Memphis, ... 2

L. W. Haskell, '03.
R. E. Semmes, '10.

Nashville, ... 2

C. E. Brush, '03.
B. T. Terry, '04.

Texas:

Brownsville, ... 1

C. E. Sevier, '16.

Camp Bowie, ... 1
H. S. Colwell, '14.

Dallas, ... 2
W. J. Calvert, '98.
E. L. Gilcreest, '10.

El Paso, ... 2
W. W. Waite, '06.
M. B. Wesson, '10.

Fort Sam Houston, ... 1
J. S. Vanneman, '14.

Fort Worth, ... 3
F. C. Beall, '06.
K. H. Beall, '05.
J. H. Sewell, '14.

Galveston, ... 1
H. L. McNeil, '11.

Laredo, ... 1
R. M. Grimm, '08.

Memphis, ... 1
W. Wilson, '04.

Morfa, ... 1
W. C. Thomas, '15.

Palacois, ... 1
H. H. Loos, '12.

San Antonio, ... 4
W. E. Nesbit, '13.
P. I. Nixon, '09.
F. L. Paschal, '13.
J. M. Venable, '14.

Waco, ... 1
A. P. Harrison, '07.

Utah:

Salt Lake City, ... 1
A. J. Ridges, '08.

Vermont:

St. Johnsbury, ... 1
W. G. Ricker, '04.

Virginia:

Abingdon, ... 1
G. V. Litchfield, '02.

Bedford, ... 1
W. L. Gills, '12.

Camp Lee, ... 1
A. W. Wilson, '12.

Charlottesville, ... 3
R. B. Bean, '04.
H. T. Marshall, '98.
S. H. Watts, '01.

Fairfax, ... 1
H. Fletcher, '00.

Fredericksburg, ... 1
H. Brülle, '00.

Gloucester, ... 1
L. E. Stubbs, '14.

Hopewell, ... 1
E. L. Morgan, '11.

Lacey Springs, ... 1
E. S. Mass (Lincoln), '16.

Norfolk, ... 5
G. E. Chinn, '03.
O. C. Foote, '12.
J. M. Love, '04.
W. B. Newcomb, '10.
L. H. Smith, '15.

Norton, ... 1
W. S. Keister, '14.

Olney, ... 1
W. F. Kellam, '06.

Quantico, ... 1
D. C. Walton, '09.

Richmond, ... 6
S. W. Budd, '09.
W. H. Higgins, '08.
R. S. Preston, '08.
M. P. Rucker, '03.
D. Vanderhoof, '05.
J. E. Warinner, Jr., '16.

Roanoke, ... 5
H. B. Disbrow, '16.
H. J. Hagan, '14.
E. M. Hicks, Jr., '16.
G. B. Lawson, '05.
J. S. Speed, '16.

Salem, ... 1
G. A. L. Kolmer, '13.

Washington:

Anacortes, ... 1
A. Shaw, '13.

Burlington, ... 1
L. S. Trask, '13.

Kent, ... 1
G. M. MacGregor, '02.

Seattle, ... 7
C. F. Davidson, '07.
H. J. Davidson, '05.
I. B. Green, '07.
H. J. Knott, '11.
A. F. Mattice, '10.
M. Seagrave, '11.
D. V. Trueblood, '15.

Spokane, ... 1
H. H. Robinson, '10.

Tacoma, ... 1
J. R. Turner, Jr., '13.

West Virginia:

Fairmont, ... 1
C. M. Ramage, '10.

Martinsburg, ... 1
N. M. Canter, '13.

Morgantown, ... 1
J. N. Simpson, '02.

Nitro, ... 1
J. B. Duncan, '14.

Parkersburg, ... 1
R. G. Werner, '15.

Shepherdstown, ... 1
H. M. Banks, '17.

Wheeling, ... 1
R. U. Drinkard, '08.

Wisconsin:

Beloit, ... 1
E. B. Brown, '06.

Berlin, ... 1
A. J. Wiesender, '09.

Eau Claire, ... 1
H. F. Derge, '08.

Green Bay, ... 1
W. E. Leaper, '11.

Madison, ... 8
C. R. Bardeen, '97.
E. G. Birge, '07.
C. H. Bunting, '01.
P. M. Dawson, '98.
J. A. E. Eyster, '05.
A. S. Loevenhart, '03.
N. O. Nelson, '04.
C. M. Swett (Bunting), '01.

Marshfield, ... 1
W. G. Sexton, '11.

Menomine, ... 1
A. Egdahl, '04.

Milwaukee, ... 13
C. A. Baer, '05.
P. H. Dernehl, '07.
F. J. Gaenslen, '03.
W. E. Grove, '08.
C. F. Hardy, '02.
A. C. Kissling, '11.
W. L. LeCron, '08.
J. D. Madison, '98.
C. D. Partridge, '07.
R. L. Schulz, '12.
L. M. Warfield, '01.
R. G. Washburn, '04.
J. L. Yates, '99.

FOREIGN

Africa (Central West):

Batanga, ... 1
L. E. Smith, '15.

Arabia:

Kuwait, ... 1
P. W. Harrison, '08.

Austria:

Vienna, ... 1
M. S. Haynes (Leick), '02.

Canada:

Guelph, ... 1
L. L. Rothschild, '15.

Hampton, ... 1
C. H. Travis, '03.

Montreal, ... 4
W. W. Francis, '02.
H. M. Nicholson, '17.
L. J. Rhea, '05.
D. N. Richards, '15.

Ottawa, ... 1
C. B. Farrar, '00.

Toronto, ... 1
R. D. Moyle, '14.

Ymir, B. C., ... 1
G. E. Rehberger, '05.

Costa Rica:

San José, ... 1
J. L. Rice, '17.

China:

Canton, ... 1
M. Jenks, '16.

Changsha, ... 1
E. H. Hume, '01.

Chefoo, ... 1
R. W. Dunlap, '07.

Fenchow, ... 1
P. T. Watson, '07.

Haichow, ... 2
R. Bennett (Morgan), '04.
L. S. Morgan, '04.

Hwaiyuan, ... 1
A. G. Murdoch, '06.

Kiangyin, ... 1
F. R. Crawford, '11.

Peking, ... 3
H. S. Houghton, '05.
A. E. Lee, '06.
K. Porter, '98.

Shanghai, ... 1
F. S. Woo, '15.

Swatow, ... 1
S. M. Grier (Lesher), '05.

Tsinan-fu, ... 2
P. S. Evans, '99.
T. Stearns, '12.

England:

Liverpool, ... 1
J. M. Wolfsohn, '11.

London, ... 1
H. E. Bates, '15.

Manchester, ... 1
E. Bronson, '13.

Oxford, ... 1
R. W. Johnson, Jr., '17.

Winchester, ... 1
F. M. Meader, '09.

France:

"Somewhere in France,". 65
H. Beeuwkes, '06.
R. B. Bettman, '14.
D. T. Bowden, '18.
W. C. Burket, '15.
E. S. du Bray, '14.
A. H. Brewster, '18.
D. Childs, '14.
R. G. Coblentz, '18.
F. D. Conroy, '18.
D. Davis, '13.
T. K. Davis, '13.
W. C. Davison, '17.
E. M. Day, '18.
J. L. Dorsey, '18.
E. F. Ducasse, '14.
L. S. Fuller, '18.
L. T. Gager, '18.
H. A. Gailey, '17.
L. Getz, '18.
B. S. Goldsbury, '18.
R. K. Ghormley, '18.
J. S. Green, Jr., '18.
W. M. Happ, '15.
G. M. Harwood, '18.
J. H. Huddleson, '13.
J. E. Huiskamp, '18.
W. D. Jack, '14.
N. M. Keith, '11.
C. S. Ketcham, '14.
J. A. Key, '18.
R. F. Kieffer, '13.
B. S. Kline, '11.
A. R. Koontz. '18.
C. M. Lane, '18.
J. S. Lincoln, '18.
L. C. Lyman, '13.
A. S. McCown, '18.
W. F. McFee, '18.
P. F. McGuire, '16.
J. W. Martindale, '18.
W. F. Mayer, '18.
G. E. Meekins, '18.
W. L. Millea, '12.
W. H. Michael, '13.
H. J. Morgan, '18.
W. D. Noble, '18.
C. B. Palmer, '07.
C. C. Porter, '18.
J. P. Rankin, '18.
L. Reynolds, '16.
C. W. Riley, '07.
W. J. M. Scott, '18.
W. Smith, '18.
J. D. Southworth, '18.
E. D. Spalding, '18.
R. E. Swarts, '18.
P. S. Tucker, '15.
L. Van Valzah, '14.
V. N. Verplanck, '18.
C. E. Wagner, '18.
J. E. Walker, '15.
J. T. Webster, '14.
L. Wilkins, '18.
L. H. Williams, '15.

Compiègne, ... 1
J. E. Stowers, '13.

Etaples, ... 1
R. A. Webb, '17.

Germany:

Berlin, ... 1
J. M. West, '01.

Haiti, ... 1
B. E. Belcher, '17.

India:

Guntur, ... 1
E. B. Wolf, '12.

Wai, ... 1
R. Fairbank (Beals), '00.

Ireland:

Whiddy Island, ... 1
E. E. Smith, '17.

Persia:

Daulatabad, ... 1
M. D. Allen (Zoeckler), '10.

Tabriz, ... 1
M. R. Fleming, '12.

Siam:

Chiengmai, ... 1
E. C. Cort, '07.

Scotland:

Edinburgh, ... 2
R. Crawford, '15.
A. C. Eaton, '14.

PUBLICATIONS OF INSTRUCTORS AND GRADUATES OF THE JOHNS HOPKINS MEDICAL SCHOOL FOR THE YEAR 1917-1918

(June 1, 1917—August 1, 1918)

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